

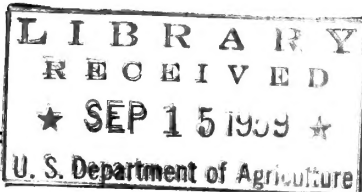
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WILLIS NURSERY COMPANY

OTTAWA • KANSAS

Phone CHerry 2-2525

WHOLESALE PRICE LIST



FALL, 1959

SPRING, 1960

*88 Years of Service to the
Nursery Trade*

Part of Our 100 Acres of Evergreens



Terms and Conditions of Sales

TERMS—2% discount for payments in ten days from date of invoice, net, 30 days, to those with established credit. C.O.D. orders must be accompanied by one-fourth cash. Packing will be charged at cost on all orders except bulk truck or car shipments. 6% interest charged on past due accounts. All supplies are net.

PRICES in this list cancel all previously published prices and are subject to change without notice. Order in multiples of 10 of a variety and grade. These prices apply on the following quantities:

Fruit Trees, Shade Trees, Shrubs, Vines and Perennials

300 or more @ 1000 rate (where published).

30 to 300 @ 100 rate.

10 to 30 @ 10 rate.

Under 10 @ 25% above 10 rate.

All grades and varieties in any class allowed to make total. For example: All fruit trees are considered one class, all shrubs one class, etc.

Small Fruits, Hedge-plants, Privet, and all Lining-out Stock

300 of same variety and grade @ 1000 rates.

Under 300 of same variety and grade @ 100 rates.

Evergreen, B & B.

30 trees (any assortment) @ 100 rate.

5 trees (any assortment) @ 10 rate.

Note: Classifications as given above are understood to be as listed under general headings in price list. For example: Fruit Trees, Vines, Shrubs, etc.

Broken lots of less than 10 of any one variety and grade will be billed at 25% above the 10 rate.

BOXES will be charged at cost. BALES will be charged at actual cost of material and labor. No charge for loading bulk trucks or cars.

SHIPPING—Please tell us how and when to ship your order, whether by rail freight, motor freight, or express, stating route if you have a preference. In the absence of definite instructions we will forward shipment the way we think best, without assuming responsibility. We are on the Santa Fe and Missouri Pacific railroads. All shipments travel at risk and expense of purchaser.

TRUCK DELIVERIES—Bulk truck deliveries to customer's place of business can be made to many points at rates as low, or lower, than local freight rates. If you prefer to call for your stock with your own trucks, we should have several days' advance notice so we can have the stock ready.

NON-WARRANTY—We give no warranty, express or implied as to quality, life or productiveness of stock we sell. It is mutually agreed that our liability for stock proven untrue to name shall be limited to replacement or refund of original purchase price. All contracts subject to crop.

CLAIMS—All claims for any cause must be made in writing immediately upon receipt of goods. We will not entertain claims which are filed after goods have been accepted or which are not made within five days after arrival of stock.

SHRUBS

All of our shrubs are field-grown and graded according to the standards of the American Association of Nurserymen. Sizes noted in the descriptions indicate average height of shrubs at maturity. "Hortus Second" is the authority for most of the heights given.

Tied 12 to 18 in., 25; 18 to 24 in., and 2 to 3 ft., 10; 3 to 4 ft., 5 per bundle. Please order in full bundles.

ALMOND (*Prunus glandulosa*).

Pink Flowering (*Prunus glandulosa rosea*)

This continues to be one of the aristocrats among flowering shrubs. Neat habit of growth, never gets out of bounds. Withstands high temperatures, extreme droughts and intense cold. In early spring before the leaves appear the stems are covered with double pink flowers, making it very showy and highly ornamental. Should be in every shrub border for early spring color. Excellent for foundation planting. Our plants won't sucker because they are grown on their own roots. 3 to 5 feet.

	Per 10	Per 100	Per 1000
2 to 3 feet, own roots	6.50	60.00	550.00
18 to 24 inches, own roots	5.50	50.00	450.00
12 to 18 inches, own roots	4.00	35.00	—

White Flowering. Similar to the pink flowering form described above, but with white flowers.

	Per 10	Per 100	Per 1000
2 to 3 feet	6.50	60.00	—
18 to 24 inches	5.50	50.00	—
12 to 18 inches	4.50	40.00	—

ALTHEA (*Hibiscus syriacus*) Rose of Sharon. Bush form. Striking hollyhock-like flowers in late summer. 10 to 12 feet.

3 to 4 feet	7.00	65.00	—
2 to 3 feet	5.50	50.00	—
18 to 24 inches	4.50	40.00	—

Anemone, Double pink

Banner, Double white, red center

Ardens, Double purple

Lucy, Double red

BARBERRY (*Berberis*). Valuable for massing and for low hedging.

Mentorensis

This barberry is one of the best ever introduced for the south and southwest. It withstands drought and high temperatures and in the south is evergreen. In Kansas it frequently holds its foliage until February; in places protected from winter sun it will remain green all winter. The foliage is large, thick, leathery, very attractive; red fruits in the fall and winter. It grows very bushy and will reach a height of 5 or 6 feet. There have never been enough of these plants to go around, it is in such great demand.

	Per 10	Per 100	Per 1000
2 to 2½ feet	7.50	70.00	—
18 to 24 inches	6.50	60.00	550.00
15 to 18 inches	5.50	50.00	450.00
12 to 15 inches	4.50	40.00	350.00
2 to 2½ feet, B & B	30.00	—	—
18 to 24 inches, B & B	25.00	—	—
15 to 18 inches, B & B	20.00	—	—

SHRUBS (Continued)**BARBERRY (Continued)**

Red Leaf (*B. thunbergi atropurpurea*). Variety of Japanese barberry with bright red foliage all summer, red berries in autumn. 5 to 8 feet.

	Per 10	Per 100	Per 1000
18 to 24 inches	6.00	55.00	—
15 to 18 inches	5.00	45.00	400.00
12 to 15 inches	4.50	40.00	350.00

Thunbergi (Japanese Barberry). Low growing, spreading shrub with numerous thorns and attractive foliage that turns red in the fall. Yellow flowers and red berries. Fine for hedges and mass planting. This barberry does not carry wheat rust. 5 to 8 feet.

18 to 24 inches	5.00	45.00	400.00
15 to 18 inches	4.00	35.00	300.00
12 to 15 inches	3.50	30.00	250.00

BUDDLEIA (Butterfly Bush)

Our plants are grown from softwood cuttings, potted and lined out in the field. Not to be confused with plants grown from hardwood cuttings.

Charming. The most nearly pink Butterfly Bush we have seen. Large, rather open sprays on tall vigorous bushes.

	Per 10	Per 100	Per 1000
No. 1	4.50	40.00	350.00
Medium	3.50	32.00	280.00

Dubonnet. Live, reddish-purple, like the wine for which it is named. Extra long, full spikes. Continues to be one of the most popular.

No. 1	4.50	40.00	350.00
Medium	3.50	32.00	280.00

Floralart. Developed in New Mexico by Mr. A. C. Miller and introduced by us. In our opinion it has the best flower of all because nearly the whole spike blooms at one time. On most other varieties the bottom flowers are faded before the top flowers open. For this reason Floralart makes best cut flowers. Handsome orchid-lavender flowers in large, full, very compact spikes. Medium size bush.

No. 1	4.50	40.00	350.00
Medium	3.50	32.00	280.00

Red. As nearly red as you will find in Butterfly Bushes. This one is so good that we ought to give it a special name.

No. 1	5.00	45.00	400.00
Medium	4.00	35.00	300.00

White Cloud. Does not grow so large as other varieties but makes neat compact bush completely covered with well formed spikes of white flowers. Especially good in borders and for cut flowers.

No. 1	5.00	45.00	400.00
Medium	4.00	35.00	300.00

CALLICARPA DICHOTOMA (Purpurea) Purple Beautyberry. Large showy clusters of lavender-purple berries in autumn, pink flowers. 4 feet.

3 to 4 feet	7.50	65.00	—
2 to 3 feet	6.00	55.00	500.00
18 to 24 inches	4.50	40.00	350.00

CALYCANTHUS FLORIDUS (Sweet Shrub). Glossy, aromatic foliage. Flowers chocolate brown, fragrant, June-July. 5 feet.

18 to 24 inches	5.50	50.00	—
12 to 18 inches	4.50	40.00	—

COLORADO, May, 1959. "Everything was excellent, and had the best sales ever."

SHRUBS (Continued)**CARYOPTERIS (Bluebeard, Blue Spirea)****Azure**

A NEW Blue Spirea introduced by the U. S. D. A. It has deeper blue flowers and darker foliage than Blue Mist and grows into a more compact shrub. In our opinion this is the finest caryopteris on the market.

	Per 10	Per 100
No. 1	5.50	50.00
Medium	4.50	40.00

CERCIS CANADENSIS (Redbud). Shrub form. Heart shaped leaves; rosy-red flowers in spring. 40 feet.

	Per 10	Per 100	Per 1000
6 to 8 feet	27.50	250.00	—
5 to 6 feet	22.50	200.00	—
4 to 5 feet	15.00	135.00	—
3 to 4 feet	10.00	90.00	—
2 to 3 feet	6.50	60.00	—

CHAENOMELES LAGENARIA (Flowering Quince)

Large scarlet flowers produced in great profusion in early spring before the leaves come out. A spectacular shrub and for that reason very popular. We grow ours from cuttings taken from blooming wood thereby insuring uniformity of flower and shrub.

3 to 3½ feet	6.50	60.00	550.00
2 to 3 feet	5.50	50.00	450.00
18 to 24 inches	4.50	40.00	350.00

Apple Blossom. The flowers of this variety bear a remarkable resemblance to apple blossoms in size, shape and color. In bud they are almost red; when fully open the flowers are a light pink with deeper tones near the outer edges. Blooms early before the leaves are fully developed. Shrubs are vigorous growers, and the tips of the leaves are red on the new growth.

2 to 3 feet	9.00	85.00	—
18 to 24 inches	7.00	65.00	—

Pink Lady. Salmon or coral-pink flowers produced in large numbers early in spring before leaves develop. Very showy.

18 to 24 inches	7.00	65.00	—
12 to 18 inches	5.50	50.00	—

Glowing-Ember (Trade Mark)

We are proud to be the introducers of this superior strain of flowering Quince. It took many years of observation and selection to come up with this upright growing shrub of uniform habit, with brilliant red flowers. It is grown from cuttings of course, in order to perpetuate these desirable characteristics. 10 feet.

	Per 10	Per 100	Per 1000
3 to 3½ feet	7.50	65.00	600.00
2 to 3 feet	6.00	55.00	500.00
18 to 24 inches	5.00	45.00	400.00
12 to 18 inches	3.50	30.00	—

MINNESOTA. June, 1959. "Your nursery stock was uniformly excellent."

SHRUBS (Continued)**CHAENOMELES (Continued)****Indian Chief**

We have selected this as one of the best red flowering quinces of many varieties that we have tested over a period of years. The flowers are large, scarlet-red, appearing in great profusion before the leaves develop. The shrub is semi-upright, semi-dwarf with medium size dark green shiny foliage. The new growth is reddish in color.

	Per 10	Per 100
3 to 3½ feet	12.00	110.00
2 to 3 feet	9.00	85.00
18 to 24 inches	7.00	65.00
12 to 18 inches	5.50	50.00

Texas Pink

We have tested many varieties of flowering quince and in our opinion Texas Pink is the best pink. The flowers are quite large and clear pink. The shrub is a sturdy grower with a semi-upright habit of growth with long narrow dark green shiny leaves. The new growth is distinctly reddish adding greatly to the interesting appearance of the plant.

	Per 10	Per 100
3 to 3½ feet	11.00	100.00
2 to 3 feet	8.50	75.00
18 to 24 inches	5.00	45.00
12 to 18 inches	3.50	30.00

CHIONANTHUS VIRGINICA (Fringe Tree). Long panicles of white fringe-like flowers in May, followed by attractive dark blue fruits.

	Per 10	Per 100	Per 1000
2 to 3 feet	13.50	125.00	—
18 to 24 inches	9.50	85.00	—
12 to 18 inches	7.00	65.00	—

CORNUS (Dogwood).

Alba sibirica (Siberian Dogwood). Coral-red branches, white flowers, blue berries. Especially attractive in winter. 10 feet.

2 to 3 feet	6.50	60.00	550.00
18 to 24 inches	5.50	50.00	450.00

Stolonifera (Red-osier Dogwood). Dark red branches, large clusters of white flowers in early summer followed by bluish-white berries.

2 to 3 feet	6.50	60.00	—
18 to 24 inches	5.50	50.00	—

Stolonifera flaviramea (Yellowtwig Dogwood). Brilliant yellow bark. Especially effective in winter. 7 feet.

2 to 3 feet	6.50	60.00	—
18 to 24 inches	5.50	50.00	—

COTINUS COGGYRIA (Smoke Tree or Purple Fringe.) Rapid growing, highly ornamental shrubs with large panicles of smoky purple flowers. Thrives in heat and drought. 15 feet.

5 to 6 feet	25.00	—	—
4 to 5 feet	19.00	175.00	—
3 to 4 feet	13.50	125.00	—
2 to 3 feet	10.00	90.00	—

SHRUBS (Continued)**COTONEASTER**

Acutifolia (Peking Cotoneaster). Slender, spreading branches, pinkish flowers. Black berries in fall. Desirable for individual specimens, shrub groups, or for hedges. Shears well for formal hedges. 12 feet. Thrives from Texas to North Dakota.

	Per 10	Per 100	Per 1000
2 to 3 feet	6.00	55.00	500.00
18 to 24 inches	4.50	40.00	350.00

Divaricata. Handsome shrub with small dark green leaves, slender spreading branches, pink flowers, red berries; almost evergreen.

18 to 24 inches	8.00	75.00	—
12 to 18 inches	5.50	50.00	—
3 to 4 feet B & B	30.00	—	—
2 to 3 feet B & B	25.00	—	—
18 to 24 inches B & B	20.00	—	—

CRAPEMYRTLE (*Lagerstroemia indica*). Heads of bright creped flowers July to September. Red, pink. 20 feet.

2 to 3 feet	6.00	55.00	—
18 to 24 inches	5.00	45.00	—
12 to 18 inches	4.00	35.00	—

CYDONIA (See Chaenomeles)

DESMODIUM PENDULIFLORUM (*Lespedeza formosum*). Purple Bush-clover. Perennial herbaceous shrub with gracefully arching branch. Covered with reddish purple flowers in September. Very desirable especially for the late blooming habit. 5 feet.

2 year No. 1	7.00	65.00	—
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DEUTZIA**Corymbosa (Himalaya Deutzia)**

New, from the Himalaya region of Asia. An attractive shrub with great masses of large drooping panicles of double white flowers in early summer. Highly ornamental. 6 to 8 feet.

	Per 10	Per 100
2 to 3 feet	6.50	60.00
18 to 24 inches	5.50	50.00

Gracilis (Slender Deutzia). A low-growing, graceful shrub with slender branches and many white flowers in early summer. 3 feet.

	Per 10	Per 100	Per 1000
15 to 18 inches	6.00	55.00	—
12 to 15 inches	5.00	45.00	—

Gracilis Rosea (Rosepanicle Deutzia). Similar to Gracilis, but has pink flowers and is a stronger grower. Semi-dwarf. 4 feet.

18 to 24 inches	6.50	60.00	—
15 to 18 inches	5.50	50.00	—
12 to 15 inches	4.50	40.00	—

Pride of Rochester. Double white flowers, tinged pink. Blooms freely in early season. Strong grower. 8 feet.

3 to 4 feet	7.50	65.00	—
2 to 3 feet	5.50	50.00	—

ELDER (See Sambucus)

SHRUBS (Continued)

ELAEAGNUS ANGUSTIFOLIA (Russian Olive). Very hardy, silvery leaves, fragrant flowers. Fruit is silvery yellow. 20 feet.

	Per 10	Per 100	Per 1000
3 to 4 feet	7.00	65.00	—
2 to 3 feet	5.50	50.00	—
18 to 24 inches	4.50	40.00	—

EUONYMUS

Alatus compactus. Yellow flowers May-June followed by red fruits. Brilliant fall colors, corky bark, hardy, semi-dwarf. 4 to 5 feet.

15 to 18 inches	9.00	80.00	—
12 to 15 inches	7.00	65.00	—

Europaeus. Hardy shrub with long serrated leaves. Yellow flowers and pink fruit which remains after leaves fall. Can be grown as a small tree. 20 feet.

2 to 3 feet	5.50	50.00	—
18 to 24 inches	4.50	40.00	—

(See also Broadleaf Evergreens)

EXOCHORDA RACEMOSA (Grandiflora) Pearl Bush. Neat spirea-like shrub with clusters of snowy white flowers in spring. In bud, the flowers resemble pearls. 10 feet.

3 to 4 feet	7.50	70.00	—
2 to 3 feet	6.50	60.00	—
18 to 24 inches	5.50	50.00	—

FORSYTHIA (Golden Bell). Bright yellow flowers, early spring.

Arnold's Giant. An introduction of the Arnold Arboretum, with giant yellow flowers.

3 to 4 feet	7.50	70.00	650.00
2 to 3 feet	6.50	60.00	550.00
18 to 24 inches	5.50	50.00	—

Intermedia Spectabilis (Showy Forsythia). Largest, darkest flowers. Most profuse bloomer. 10 feet.

3 to 4 feet	7.50	70.00	650.00
2 to 3 feet	6.00	55.00	500.00
18 to 24 inches	5.00	45.00	400.00

Lynwood Gold

Newest and best forsythia. Great masses of deep golden-yellow flowers, excellent foliage. 8 feet.

	Per 10	Per 100	Per 1000
3 to 4 feet	8.00	75.00	700.00
2 to 3 feet	6.50	60.00	550.00
18 to 24 inches	5.50	50.00	450.00

Spring Glory

New! One of the finest forsythias ever introduced. Covered with pale yellow flowers early spring. Produces many more blossoms than other varieties. 10 feet.

	Per 10	Per 100	Per 1000
3 to 4 feet	7.50	70.00	650.00
2 to 3 feet	6.00	55.00	500.00
18 to 24 inches	5.00	45.00	—

SHRUBS (Continued)**FORSYTHIA (Continued)**

Viridissima bronxensis (Dwarf Forsythia). Dwarf shrub with compact habit of growth. Desirable for foundation plantings on small homes.

	Per 10	Per 100	Per 1000
18 to 24 inches	6.00	55.00	—
12 to 18 inches	5.00	45.00	—

HONEYSUCKLE (Lonicera). Desirable for foliage, flowers and berries.

Clavey's Dwarf. Here is what you have been looking for—a new true-dwarf shrub for landscaping ranch style homes. Foliage similar to tatarian honeysuckle, but smaller. Very bushy and compact globe shape without shearing. Small yellow flowers, red berries.

	Per 10	Per 100	Per 1000
18 to 24 inches	5.00	45.00	400.00
12 to 18 inches	4.00	35.00	300.00

Korolkowi floribunda (Blue Leaf Honeysuckle)

Here is an excellent shrub that has been overlooked by many nurserymen. Beautiful silvery-blue foliage on gracefully arching branches. Rosy-pink flowers and red fruit. Compact habit of growth, hardy. 8 to 10 feet.

	Per 10	Per 100
2 to 3 feet	6.00	55.00
18 to 24 inches	5.00	45.00

Fragrantissima (Winter Honeysuckle). Fragrant white flowers March-April. Nearly evergreen. 6 to 8 feet.

	Per 10	Per 100	Per 1000
2 to 3 feet	6.50	60.00	—
18 to 24 inches	5.00	45.00	—

Tatarica Rosea. Rosy-pink flowers, red berries. 10 feet.

3 to 4 feet	6.50	60.00	—
2 to 3 feet	5.50	50.00	—
18 to 24 inches	4.50	40.00	—

Tatarica Rubra. Flower buds are red; open to a deep pink. One of the best. 10 feet.

3 to 4 feet	6.50	60.00	—
2 to 3 feet	5.50	50.00	—
18 to 24 inches	4.50	40.00	—

Zabeli. Compact shrub with rounded leaves. Flowers deep red in bud, opening to reddish-pink, one of the best bush honeysuckles.

3 to 4 feet	6.50	60.00	—
2 to 3 feet	5.50	50.00	—
18 to 24 inches	4.50	40.00	—

HYDRANGEA

Arborescens grandiflora (Snowhill H.). Very large white snowball-like flowers in June and July. Attractive dark green foliage. Does very well in shady locations.

2 to 3 feet	6.50	60.00	—
18 to 24 inches	5.50	50.00	—

Nikko Blue (See Page 8)

IOWA, June, 1959. "I want you to know that you folks did a marvelous job of packing this material, and it arrived in first class shape. Thank you."

SHRUBS (Continued)**HYDRANGEA (Continued)****PeeGee (*Hydrangea paniculata grandiflora*)**

In keeping with the Willis policy of striving for the best, we are offering the Meehan strain of Hydrangea Peegee, known to be the finest of Peegees. Enormous cone-shaped heads of white flowers, often a foot or more across. The flowers slowly change from white to pink, progressing to rose, and finally in autumn to bronze. Make good winter bouquets. Long blooming season from July to October. Grow 6 to 8 feet high. Use for foundation planting, shrub borders, or individual specimen. 8 feet.

	Per 10	Per 100	Per 1000
3 to 4 feet	8.50	75.00	—
2 to 3 feet	6.50	60.00	550.00
18 to 24 inches	5.50	50.00	450.00

Nikko Blue

Both hardy and beautiful. It has withstood temperatures of 20 degrees below zero. The tops die down to the ground every winter, but give them a little mulch protection and the crowns will grow into bushy shrubs in one season, 2 to 4 feet tall with attractive, luxuriant foliage and great masses of flowers.

Because the flowers are borne on the new wood, you get blooms every year, and lots of them. It is not at all unusual to see flower heads more than a foot across and the shrub completely covered with them—a wonderful show.

In alkaline soil the flowers are pink; in acid they are blue. It's easy to change alkaline soil into acid with aluminum sulphate (two tablespoons to a gallon of water). Useful for:

**Perennial Borders
Shrub Borders
Lawn Specimens**

**Planting in Tubs and Boxes
Foundation Plantings**

	Per 10	Per 100	Per 1000
No. 1	9.00	85.00	800.00
Medium	7.50	70.00	650.00

HYPERICUM

Kalmianum (Pot O'Gold). Neat plant with clean, blue-green foliage. Large yellow flowers. July-August. 3 feet.

	Per 10	Per 100	Per 1000
15 to 18 inches	5.50	50.00	—
12 to 15 inches	4.50	40.00	—

KOLKWITZIA AMABILIS (Beauty Bush). A graceful shrub covered with small pink flowers in May. 6 to 8 feet.

2 to 3 feet	6.50	60.00	—
18 to 24 inches	5.50	50.00	—
12 to 18 inches	4.00	35.00	—

LESPEDEZA FORMOSUM (See Desmodium)**LILACS (*Syringa*).**

French Lilacs. Named varieties.

2 to 3 feet	9.00	85.00	—
18 to 24 inches	7.00	65.00	—

Belle de Nancy, double pink
Charles Joly, double reddish-purple
Charles X, single, reddish violet
Ludwig Spaeth, single deep purple
Mme. Lemoine, double white
President Grevy, semi-double blue

SHRUBS (Continued)**LILAC (Continued)**

Rothomagensis (Chinese Lilac). Vigorous grower with slender arching branches; dependable bloomer. Large, broad flower heads of reddish-purple. Excellent for screens, hedges or specimens. 15 feet.

	Per 10	Per 100	Per 1000
3 to 4 feet	7.50	70.00	—
2 to 3 feet	6.50	60.00	550.00
18 to 24 inches	5.00	45.00	400.00

Cut-Leaf Chinese

New! A form of the Rothomagensis or Chinese Lilac with leaves that are deeply cut giving them a graceful lacy appearance. Otherwise it is the same as the Chinese, having rich reddish-purple blossoms in the spring and again in the fall. A splendid novelty. Supply limited.

	Per 10	Per 100
18 to 24 inches	6.50	60.00

Rothomagensis, Pink. Selected strain with beautiful pink flowers.

	Per 10	Per 100	Per 1000
3 to 4 feet	8.00	75.00	—
2 to 3 feet	6.50	60.00	—
18 to 24 inches	5.50	50.00	—

Vulgaris. (Common or Old-fashioned Lilac). Hardy, popular shrub. Purplish flowers in large panicles. April-May. 12 to 18 feet.

	Per 10	Per 100	Per 1000
3 to 4 feet	7.00	65.00	—
2 to 3 feet	5.50	50.00	450.00
18 to 24 inches	4.50	40.00	350.00
12 to 18 inches	3.50	30.00	—

PHILADELPHUS (Mockorange).

Coronarius (Sweet Mockorange). A well-known, popular, hardy shrub. Fragrant white flowers in May and June. Vigorous grower. 10 feet.

	Per 10	Per 100	Per 1000
3 to 4 feet	7.00	65.00	—
2 to 3 feet	6.00	55.00	500.00
18 to 24 inches	4.50	40.00	350.00

Minnesota Snowflake (Plant Patent No. 538). Very double flowers of white. Blooms several times during season. As hardy as it is beautiful. Coming from Minnesota, you may be sure it will survive the most rugged winters. Very profuse blooming, and the flowers are unusually sweet-scented. The bush grows symmetrically and very quickly. Thrives in ordinary soil, in either sun or shade. Far superior to *Virginalis* or any strain—an extraordinarily good Mock Orange. 8 feet.

	Per 10	Per 100	Per 1000
3 to 4 feet	10.00	90.00	—
2 to 3 feet	7.50	70.00	—
18 to 24 inches	6.50	60.00	—

Virginalis (Virginal Mockorange). Bushy symmetrical shrubs with semi-double white fragrant flowers. Prolific bloomer May-June. 7 to 8 feet.

	Per 10	Per 100	Per 1000
2 to 3 feet	6.50	60.00	550.00
18 to 24 inches	5.00	45.00	400.00
12 to 18 inches	3.50	30.00	—

PHYSOCARPUS OPULIFOLIUS NANA (Dwarf Ninebark). Dwarf shrub with refined foliage resembling Alpine Currant. Excellent for low formal hedges.

	Per 10	Per 100	Per 1000
2 to 3 feet	5.50	50.00	—
18 to 24 inches	4.50	40.00	—

SHRUBS (Continued)

POTENTILLA FRUTICOSA (Gold Drop). Bright yellow flowers all summer. Dwarf habit of growth. 2 feet.

	Per 10	Per 100	Per 1000
18 to 24 inches	6.50	60.00	—
15 to 18 inches	5.50	50.00	—

PRIVET (See Page 13)

PRUNUS

Besseyi (Hansen's Bush Cherry). The foliage has an unusual blue-green tinge. The habit of growth is graceful and it never gets too large. Best of all, in the fall the foliage changes to brilliant purple and crimson. Large black fruits, good for preserves. 5 feet.

Transplants, branched

3 to 4 feet	6.00	55.00	—
2 to 3 feet	5.00	45.00	—
18 to 24 inches	3.50	30.00	—

Cistena (Purple Leaf Plum). A dwarf shrub with deep purplish-red foliage.

2 to 3 feet	10.00	90.00	—
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Tomentosa (Manchu or Nanking Cherry). Large white flowers just before the leaves appear; attractive serrate foliage. Bears large red, edible cherries. A superior dual-purpose shrub. 8 feet.

	Per 10	Per 100	Per 1000
3 to 4 feet	7.50	65.00	—
2 to 3 feet	6.00	55.00	—
18 to 24 inches	5.00	45.00	—

PURPLE FRINGE (See Cotinus).

QUINCE (See Chaenomeles)

REDBUD (See Cercis under Shrubs, also in Shade Trees.)

RHODOTYPOS SCANDENS. R. Kerrioides (Jetbead). Low spreading shrub with crinkled leaves and white flowers. Clusters of black shiny fruits in autumn. Useful border plant. Hardy north. 4 to 5 feet

18 to 24 inches	6.00	55.00	—
12 to 18 inches	4.50	40.00	—

RHUS (Sumac)

Canadensis (Aromatica) (Fragrant Sumac). Highly aromatic foliage, clusters of yellow flowers in May followed by showy red berries. Withstands extremes of heat and drought and thrives in poor soil. 6 to 8 feet.

2 to 3 feet	6.50	60.00	—
18 to 24 inches	5.50	50.00	—

RIBES ODORATUM (Flowering Currant). Delightfully fragrant trumpet-shaped yellow flowers early spring before the leaves. Bears black edible fruit. 8 feet.

18 to 24 inches	4.50	40.00	—
12 to 18 inches	3.50	30.00	—

RUSSIAN OLIVE (See Elaeagnus)

SALIX (See Willow under Shrubs and Shade Trees)

SAMBUCUS CANADENSIS AUREA (Golden Elder). Bright golden-yellow foliage all summer. Strong grower.

3 to 4 feet	6.50	60.00	—
2 to 3 feet	5.50	50.00	—

SHRUBS (Continued)

SHEPHERDIA ARGENTEA (Silver Buffaloberry). Hardy shrub with silvery foliage and somewhat thorny. Red edible berries. Excellent for hedges.

	Per 10	Per 100	Per 1000
2 to 3 feet	5.50	50.00	—
18 to 24 inches	4.50	40.00	—
12 to 18 inches	3.50	30.00	—

SMOKETREE (See Cotinus)

SPIREA. One of the most useful groups of shrubs.

Anthony Waterer. Dwarf shrub with flat-topped clusters of pinkish-red flowers all summer. 24-30 inches.

15 to 18 inches	5.50	50.00	—
12 to 15 inches	4.50	40.00	—

Arguta (Garland Spirea). Upright; narrow leaves, clusters of single white flowers. One of the first to bloom. 5 to 6 feet.

2 to 3 feet	6.00	55.00	500.00
18 to 24 inches	5.00	45.00	400.00

Blue (See Caryopteris).

Froebeli. Vigorous, semi-dwarf shrub that is very hardy. Bright pink flowers all summer long. Purplish tips to foliage in spring, beautiful autumn colors. 4 feet.

2 to 2½ feet	6.00	50.00	450.00
18 to 24 inches	4.50	40.00	350.00
12 to 18 inches	4.00	35.00	300.00

Japonica coccinea. Similar to Spirea Anthony Waterer but with more brilliant red flowers.

15 to 18 inches	5.50	50.00	—
12 to 15 inches	4.50	40.00	—

Mongolica (Snowbank Spirea). Blooms earlier than other spirea. Graceful arching branches completely covered with white flowers.

18 to 24 inches	5.00	45.00	—
12 to 18 inches	4.00	35.00	—

Prunifolia Plena (Double Bridalwreath). This is the true Bridalwreath spirea. Great masses of small double white flowers in early spring. Refined foliage. 6 feet.

2 to 3 feet	6.00	55.00	—
18 to 24 inches	5.00	45.00	—
12 to 18 inches	4.00	35.00	—

Thunbergi. Low growing shrub, slender branches. Spreading habit. Feathery foliage, pure white flowers, early bloomer. 5 feet.

2 to 3 feet	6.00	55.00	500.00
18 to 24 inches	4.50	40.00	350.00
12 to 18 inches	4.00	35.00	300.00

Vanhouttei (Bridalwreath). Great masses of white flowers in early spring. Sometimes called Bridal Wreath. 6 feet.

3 to 4 feet	6.00	55.00	—
2 to 3 feet	5.00	45.00	400.00
18 to 24 inches	4.00	35.00	300.00

SUMAC (See Rhus)**SNOWBALL (See Viburnum).**

TAMARIX. Grown chiefly for its fine, graceful foliage and showy flowers.

Africana. Slender, spreading branches covered with feathery green foliage. Pink flowers. 10 feet.

3 to 4 feet	6.00	55.00	500.00
2 to 3 feet	5.00	45.00	400.00
18 to 24 inches	4.00	35.00	300.00

SHRUBS (Continued)**TAMARIX (Continued)**

Hispida (Kashgar T.). We are often asked what tamarix we think to be the best. The answer is Hispida. It is a graceful shrub with fine feathery blue-green foliage and bright pink flowers that bloom off and on all summer. You can trim it to make a neat hedge or plant it for individual specimens. The foliage is useful for making bouquets, for which it is used by many florists. 7 feet.

3 to 4 feet	6.50	60.00	—
2 to 3 feet	5.50	50.00	—
18 to 24 inches	4.50	40.00	—

Summer Glow. Similar to Hispida but flowers a deeper shade of pink.

3 to 4 feet	6.50	60.00	—
2 to 3 feet	5.50	50.00	—
18 to 24 inches	4.50	40.00	—

NOTICE: The tops of tamarix must be cut back short when transplanting. If this is not done, they may fail to grow.

VIBURNUM

Dentatum (Arrowwood). Rounded, coarsely-toothed leaves. Large white flower clusters in May-June followed by attractive blue-black fruits. 15 feet.

2 to 3 feet	5.50	50.00	—
18 to 24 inches	4.50	40.00	—

Opulus (European Cranberry-bush). Leaves 3 to 5 lobed like a maple. Showy white flowers and brilliant red fruit persisting until spring. Highly ornamental. 10 to 12 feet.

3 to 4 feet	8.50	75.00	—
2 to 3 feet	7.00	65.00	—
18 to 24 inches	5.50	50.00	—

Opulus sterilis (Common Snowball). Similar to the Cranberry-bush but the flowers are in large balls, very showy.

3 to 4 feet	8.50	75.00	—
2 to 3 feet	7.00	65.00	—
18 to 24 inches	5.50	50.00	—
12 to 18 inches	4.50	40.00	—

WEIGELA

Newport. An improved variety. Blooms very freely with brilliant red flowers in May-June. 5 feet.

2 to 3 feet	6.50	60.00	—
18 to 24 inches	5.50	50.00	—

Rosea (Florida). Bright pink trumpet-shaped flowers. 6 to 8 feet.

2 to 3 feet	6.00	55.00	—
18 to 24 inches	5.00	45.00	—

Vanicek. New variety with deep red flowers.

2 to 3 feet	6.50	60.00	—
18 to 24 inches	5.50	50.00	—

Variegated. A dwarf shrub with leaves variegated gold and green. Pink flowers.

18 to 24 inches	5.50	50.00	—
12 to 18 inches	4.00	35.00	—

WILLOW (Salix)

Discolor (American Pussy Willow). Large furry grey catkins in early spring before leaves appear. 20 feet.

3 to 4 feet	6.00	55.00	500.00
2 to 3 feet	5.00	45.00	400.00

PRIVET

PRIVET (*Ligustrum*)

Amur River North. Hardy, well adapted to northern states. Upright branches, rather glossy, oval leaves.

	Per 100	Per 1000
2 to 3 feet, 4 canes and up	18.00	150.00
18 to 24 inches, 3 canes and up	14.00	125.00
18 to 24 inches, 2 canes	12.00	100.00
12 to 18 inches, 3 canes and up	12.00	100.00
12 to 18 inches, 2 canes	9.00	80.00

Amur River South. (*L. sinensis*). Very bushy plants with fine box-like foliage. Makes a beautiful, dense hedge. Suitable for planting in Oklahoma and south. Transplants.

18 to 24 inches, well branched	14.00	125.00
12 to 18 inches, well branched	12.00	100.00

California. Glossy green leaves, suited to southern half of the United States. Extremely popular for formal hedges.

2 to 3 feet, 4 canes and up	16.50	140.00
18 to 24 inches, 3 canes and up	12.50	110.00
12 to 18 inches, 3 canes and up	9.00	80.00

Ibota Vicari (Hardy Golden Ibota Privet). Compact low-growing shrub with golden-yellow foliage. Useful for adding color to landscape plantings. Use as specimens or in hedges.

	Per 10	Per 100	Per 1000
18 to 24 inches	6.50	60.00	—
15 to 18 inches	5.00	45.00	—
12 to 15 inches	4.00	35.00	—

Regel. Low growing, dense, horizontal spreading branches. Desirable for low mass planting.

2 to 2½ feet spread, well branched	5.50	50.00	450.00
18 to 24 inches, spread, well branched	4.50	40.00	350.00

Spreading Amur

A selection of the hardy Amur River North Privet that grows horizontally like the Regel Privet. Grows more rapidly than Regel. Can be used wherever the latter is planted.

	Per 10	Per 100	Per 1000
2 to 2½ feet, spread	4.50	40.00	350.00
18 to 24 inches, spread	4.00	35.00	300.00

Erect Border (*Obtusifolium erecta*)

New! Here is one which produces a dense hedge more quickly than Amur Privet North. It has a dense, branching habit of growth, and grows rapidly, branching better than Amur. Holds green foliage longer than Amur. Large lustrous foliage and it is hardy!

	Per 100	Per 1000
18 to 24 inches, 3 canes and up	14.00	125.00
12 to 18 inches, 3 canes and up	12.00	100.00

NEW SERVICES

Customers who wish may now have their evergreens sprayed with **Wilt-Pruf** before digging. The trees can also be burlapped with **No-Rot** burlap, which is treated to last much longer than untreated burlap. There is a small extra charge for this service. See page 27.

VINES and GROUND COVERS

AMPELOPSIS (*Parthenocissus*) (Ivy)

Aconitifolia (*(Monkshoodvine)*)

Not new, but not well known, although it deserves to be. A vining plant with beautiful cutleaf foliage and orange berries in autumn. From China.

	Per 10	Per 100
2 year No. 1	5.50	50.00
2 year Medium	4.50	40.00

Englemanni (*Engleman Creeper*). Hardy clinging vine, bright autumn colors.

	Per 10	Per 100	Per 1000
2 year, No. 1	4.00	35.00	300.00
2 year, Medium	3.50	30.00	250.00

Quinquefolia (*Virginia Creeper*). Rapid growing five leaf ivy. Hardy and suitable for covering stone walls, trellises, fences, etc.

2 year, No. 1	4.00	35.00	300.00
2 year, Medium	3.50	30.00	250.00

Parthenocissus tricuspidata (*Boston Ivy*). Used to be called *Ampelopsis veitchii*. Continues to be one of the most aristocratic and refined of vines. It will cling to brick, stucco, stone, and rough wood without support. The foliage stands smoke and dust well, and in autumn turns brilliant shades of scarlet and orange.

2 year, No. 1	5.50	50.00	—
2 year, Medium	4.50	40.00	—

CELASTRUS SCANDENS (*American Bittersweet*). Hardy vine producing clusters of yellow berries that burst open when ripe revealing brilliant red centers. Excellent for winter decoration, indoors and out. **Our plants are grown from cuttings taken from blooming plants. Seedlings sometimes fail to fruit.**

2 year, No. 1	4.50	40.00	350.00
2 year, Medium	3.50	30.00	250.00

CLEMATIS

Crispa (*Curly Clematis*). Urn-shaped flowers, bluish-purple, fragrant. June to September.

No. 1	4.50	40.00	—
Medium	3.50	30.00	—

Paniculata. In September and October these vines are covered with great masses of fragrant white flowers about one inch across. A longtime favorite.

2 year, No. 1	5.50	50.00	—
2 year, Medium	4.50	40.00	—

Texensis (*Coccinea*) (*Scarlet Clematis*). Brilliant scarlet urn-shaped flowers with thick petals. July-September.

No. 1	4.50	40.00	—
Medium	3.50	30.00	—

EUONYMUS

Fortunei Coloratus (*Purpleleaf Wintercreeper*). Evergreen foliage that turns bronzy-red in autumn. Excellent ground cover.

2½ inch pots	3.50	30.00	—
2-inch pots	2.50	20.00	—

Fortunei Minimus (*Baby Euonymus*). Slow-growing dwarf broadleaf evergreen with small leaves. Clings tightly to rough surfaces; excellent for covering low walls.

3-inch pots	4.00	35.00	—
2-inch pots	3.00	25.00	—

HONEYSUCKLE (See *Lonicera*)

VINES AND GROUND COVERS (Continued)

LONICERA (Honeysuckle)

Goldflame (Trademark). Large flame-coral trumpets lined with gold, fragrant after nightfall. Hardy; everblooming. **This is the true Goldflame, an introduction of The Willis Nurseries.**

	Per 10	Per 100	Per 1000
2 year, No. 1	5.50	50.00	450.00
2 year, Medium	4.50	40.00	350.00

Halls Japan. (L. Halleana). Flowers pure white changing to yellow; very fragrant. Vigorous grower, evergreen foliage.

2 year, No. 1	2.50	22.50	200.00
2 year, Medium	2.10	18.00	160.00

Purpleleaf. (L. Japonica, Purpleleaf). Evergreen foliage; bronzy in summer, purple in fall and winter. Fragrant creamy pink flowers all summer. Very vigorous grower. Good for screens, hedges, planter boxes. Can be sheared.

3 year, No. 1	5.00	45.00	—
2 year, No. 1	4.00	35.00	300.00
2 year, Medium	3.50	30.00	250.00

Sempervirens magnifica (Dreer's Everblooming H.). Blooms all summer with large clusters of coral-red trumpet-shaped flowers.

2 year, No. 1	5.50	50.00	—
2 year, Medium	4.50	40.00	—

Redgold (Trade Mark) (Lonicera Tellmanniana)

Extremely long flowers that are very striking. The buds are golden, flushed with red. They open into huge, intensely golden trumpets. The foliage is very clean, light green above, blue-green below. In windy weather the varying colors caused by the difference in shades creates unusual and interesting effects. Blooms May-June.

	Per 10	Per 100	Per 1000
2 year, No. 1	5.50	50.00	450.00
2 year, Medium	4.50	40.00	350.00

PLUMBAGO LARPENTAE (Lead Plant). Dwarf spreading plant not over 6 to 8 inches high. Deep blue flowers, attractive foliage. Good border plant and desirable ground cover.

	Per 10	Per 100	Per 1000
3-inch pots	2.50	22.00	—

POLYGONUM

Auberti (Silver Lacevine). One of the fastest growing vines. Just the thing to cover a big area in a short time, either on a trellis or on the ground. Blooms the first year with great masses of foamy white flowers.

2 year, No. 1	5.00	45.00	400.00
2 year, Medium	4.00	35.00	300.00

VINCA (Periwinkle)

Minor. Shiny dark green foliage and blue flowers. Grows flat on the ground and makes an excellent ground cover.

	Per 10	Per 100
2 inch pots	1.80	16.00

Minor, Bowles Variety. Larger leaves and deeper blue flowers than Vinca Minor.

2 inch pots	2.00	18.00
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Minor Rubra. Similar to Bowles, but the flowers are an attractive mahogany-red.

2 inch pots	2.50	22.00
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WISTERIA

Sinensis (Chinese Wisteria). Long attractive clusters of purplish-blue flowers early summer. Vigorous grower. **Our plants were propagated from blooming wood.**

	Per 10	Per 100	Per 1000
2 year, No. 1	4.00	35.00	300.00
2 year Medium	3.00	25.00	200.00

SHADE AND ORNAMENTAL TREES

All our shade trees are grown in wide rows with plenty of space between them in the row to allow for proper development. Calipers are measured 6 inches above the collar. Sizes given in descriptions indicate height at maturity as given in "Hortus Second."

BALLED AND BURLAPPED SHADE TREES

Certain varieties and grades of shade trees can be balled and burlapped. For this service, there will be additional charge per tree as follows:

2 to 2½ inch cal.	\$6.00	8 to 10 feet	\$4.00
1½ to 2 inch cal.	\$5.00	6 to 8 feet	\$3.00
1¼ to 1½ inch cal.	\$4.00	5 to 6 feet	\$2.50

All trees are priced bare root unless otherwise stated.

ASH (*Fraxinus*)

Green (*Fraxinus lanceolata*). Large round-topped trees with attractive compound leaves. Does well in semi-arid areas and high altitudes. Grows rapidly. 60 feet.

	Per 10	Per 100
1½ to 2 inch caliper	45.00	400.00
1¼ to 1½ inch caliper	32.50	300.00
8 to 10 feet	25.00	225.00
6 to 8 feet	18.00	165.00
5 to 6 feet	12.50	110.00

Marshall's Seedless. Because this tree produces no seeds, and grows into a round symmetrical tree, it is desirable for street and lawn planting. Grows quite rapidly. 50 to 60 feet.

1¼ to 1½ inch caliper	35.00	—
8 to 10 feet	32.50	300.00
6 to 8 feet	25.00	225.00

White (*Fraxinus americana*). Vigorous tree with compound leaves, lark green above, lighter beneath. Foliage turns deep purple and yellow in autumn. Good shade tree.

8 to 10 feet	25.00	—
6 to 8 feet	20.00	175.00
5 to 6 feet	13.50	125.00

CATALPA

Bungei (*Umbrella Catalpa*). Small formal round-headed tree with large leaves. Desirable for formal plantings or where small trees are needed. Tops are cut back to prevent damage in shipping.

7 foot stems, heavy caliper	55.00	500.00
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CRAB, FLOWERING

Almey (*Rosy Bloom*). New. Deep crimson buds open to huge scarlet blooms with white star-like markings at base of each. Scarlet fruits. Excellent tree to pot for cash and carry sales. Usually blooms same year it is planted.

5 to 6 feet	22.50	200.00
4 to 5 feet	19.00	175.00

Beverly (*Japanese Flowering Crab*). Buds coral red; flowers pale pink turning to snow white. The fruits on this variety are a showy red instead of the usual yellow.

4 to 5 feet	15.00	135.00
3 to 4 feet	11.00	100.00

Dolgo. White flowers, large showy red fruit; good for jelly. 40 feet.

4 to 5 feet	12.00	110.00
3 to 4 feet	8.50	75.00

SHADE AND ORNAMENTAL TREES (Continued)**CRAB, FLOWERING (Continued)**

Eleyi (Eley Crab). Foliage red in spring, flowers vinous red, single; fruit red. 40 feet.		
5 to 6 feet	Per 10	Per 100
4 to 5 feet	17.50	160.00
	15.00	135.00
Jay Darling. Flowers and fruit purplish-red. Similar to Eleyi.		
5 to 6 feet	17.50	160.00
4 to 5 feet	15.00	135.00
Klehm's Bechtel. Klehm's Improved. Dwarf crab, double pink flowers, improved strain. Larger leaves than Bechtel, more resistant to rust.		
4 to 5 feet	16.50	150.00
3 to 4 feet	12.50	110.00
2 to 3 feet	8.50	75.00
Niedzwetzkyana (Red Vein Crab). Single red flowers, red fruit; bark and wood reddish. 40 feet.		
5 to 6 feet	16.50	150.00
4 to 5 feet	15.00	135.00

Hopa

From early spring until freezing weather this tree will be a delight to you. In the spring the expanding foliage is bronzy red but before the leaves are fully developed the whole tree bursts into bloom, being completely covered with the most magnificent fragrant pink flowers. It is hard to imagine anything more showy.

The flowers are followed by the prettiest tiny red apples that bejewel the tree during the summer. You can make a good jelly from them.

	Per 10	Per 100
6 to 7 feet	19.00	—
5 to 6 feet	15.00	135.00
4 to 5 feet	11.00	100.00

Profusion. Large single carmine flowers. Bright red fruits, bronzy-red foliage.

5 to 6 feet	17.50	160.00
4 to 5 feet	15.00	135.00

Redfield (New). An apple for the lawn and other ornamental plantings because of its large and very dark pink flowers. The fruit is medium in size, dark deep solid red in color, with deep red flesh. The foliage is dark with a reddish green tinge early in the season. This and Redford are two very desirable ornamentals.

5 to 6 feet	17.50	160.00
4 to 5 feet	15.00	135.00

Redford (New) A sister of Redfield and similar in all characters of tree and fruit. The petals are deep pink but not as dark as those of Redfield. The fruit is medium in size, deep dark solid red, with deep red flesh. The foliage has a characteristic reddish-green tinge early in the season. Lovers of handsome ornamental apples will plant this sort and Redfield.

5 to 6 feet	17.50	160.00
4 to 5 feet	15.00	135.00

Red Silver. Silver and red foliage. Crimson flowers, red fruit. Its semi-dwarf habit of growth makes it desirable where a small tree is needed.

5 to 6 feet	17.50	160.00
4 to 5 feet	15.00	135.00
3 to 4 feet	11.00	100.00

Scheideckeri. Flowers pale pink and semi-double. Yellow fruit. 25 feet.

5 to 6 feet	17.50	160.00
4 to 5 feet	15.00	135.00



CHRISTINE BUISMAN ELM

CHRISTINE BUISMAN ELM

The Coming Shade Tree

Resistant to Elm Diseases

Extremely resistant to Dutch elm disease and phloem necrosis.

Grows quite rapidly. We have produced trees ten feet high in four years from small root-cuttings.

Produces straight stems of heavy caliper, with central leaders, without forks or crotches. It has slender but numerous, ascending branches, which produce a great mass of dark green foliage.

Young trees tend to have a broad base and a pyramidal top, but when mature become round topped, like the American Elm.

Highly satisfactory for both lawn and street planting.

The Christine Buisman Elm is an European selection (from Holland) of the Smooth Leaf European Elm (*Ulmus carpinifolia*). Repeated tests by the United States Department of Agriculture show that it is immune to phloem necrosis, and highly resistant to Dutch elm disease.

The testing was done under the direction of Dr. Roger U. Swingle, pathologist in charge of the Horticultural Crops Research Branch, Ornamental Crops Section, Worthington, Ohio. On July 19, 1954 Dr. Swingle reported as follows:

"The Christine Buisman Elm has been tested repeatedly for resistance to the Dutch elm disease and elm phloem necrosis since stock of the selection was received at this laboratory in 1946. We have subjected the tree to rather severe disease resistance tests during this period and the selection has proven to be highly resistant to both of these disease."

The Christine Buisman Elm has proven entirely hardy here in Ottawa for more than ten years and it has also survived the severe winters in the Chicago area. Mr. E. L. Kammerer, arboriculturist at the Morton Arboretum, Lisle, Illinois (near Chicago) wrote us on September 9, 1954:

"The Christine Buisman Elm, about which you inquire, has been on trial at the Morton Arboretum since the spring of 1949. At that time five 18 inch plants were received from the Bureau of Plant Industry at Columbus, Ohio. All plants still survive. They are apparently perfectly hardy in this area."

In order to perpetuate its disease resistance the Christine Buisman Elm must be propagated vegetatively. There can be no assurance that trees propagated by budding or grafting on elm seedlings will be disease resistant. Be sure the trees you buy have been propagated vegetatively. We propagate ours by root-cuttings which are carried a season in pots and then transplanted to the fields. The accompanying illustration of Buisman Elms in our nursery will show you what sturdy trees we produce.

	Suggested Retail	Per 10	Per 100
1¼ to 1½ inch caliper	12.50	55.00	500.00
8 to 10 feet	10.00	45.00	400.00
6 to 8 feet	7.50	32.00	300.00
5 to 6 feet	5.65	23.50	225.00

Also available B. & B. Write for prices.

SHADE AND ORNAMENTAL TREES (Continued)**ELM (*Ulmus*).****American (*Ulmus americana*).** America's best street tree. 120 feet.

	Per 10	Per 100
2 to 2½ inch caliper	55.00	500.00
1½ to 2 inch caliper	37.50	350.00
1¼ to 1½ inch caliper	25.00	225.00
8 to 10 feet	18.50	175.00
6 to 8 feet	14.00	125.00
5 to 6 feet	9.00	85.00

Hybrid (American Chinese Hybrid)

There are many strains of hybrid elms on the market. After years of observation, we are offering two that we consider the best:

Willis. This has been grown in the middle west for many years with excellent results. Young trees have a smooth gray bark. The leaves are large, resembling those of the American elm. Very rapid growth.

Rosehill. Grows a little more slowly than Willis, but carries a heavier caliper for the height. Branches well and has very attractive foliage.

	Per 10	Per 100
1½ to 2 inch caliper	45.00	425.00
1¼ to 1½ inch caliper	40.00	350.00
8 to 10 feet	30.00	275.00
6 to 8 feet	22.50	200.00
5 to 6 feet	14.00	125.00
4 to 5 feet	10.00	90.00

Chinese (*Ulmus pumila*) (Siberian). Very rapid grower. Makes good screens, hedges and specimens. Especially adapted to dry climates.

	Per 10	Per 100
1½ to 2 inch caliper	35.00	325.00
1¼ to 1½ inch caliper	25.00	225.00
8 to 10 feet	18.00	165.00
6 to 8 feet	12.50	110.00

Christine Buisman (see pages 18 and 19)

Moline. Tall, columnar tree with large, dark green foliage. Grows very rapidly. Excellent street tree 75 to 100 feet.

	Per 10	Per 100
8 to 10 feet	22.50	200.00
6 to 8 feet	16.50	150.00
5 to 6 feet	12.00	110.00

HACKBERRY (*Celtis occidentalis*). Resembles American Elm. Desirable shade tree. It is not affected by the diseases that attack elms. 120 feet.

	Per 10	Per 100
8 to 10 feet	28.50	275.00
6 to 8 feet	22.50	200.00
5 to 6 feet	13.50	125.00

HONEYLOCUST, THORNLESS (*Gleditsia triacanthos inermis*). Very desirable shade tree. Refined pinnately compound leaves, fragrant white flowers in spring. Succeeds in dry locations. Hardy and long-lived. Reaches a height of 50 to 60 feet.

	Per 10	Per 100
6 to 8 feet	25.00	225.00
5 to 6 feet	16.50	150.00
6 to 8 feet, whips	16.50	150.00
5 to 6 feet, whips	11.00	100.00

MINNESOTA, May, 1959. "The grafts look very good, and we received them very promptly after they were shipped."

SHADE AND ORNAMENTAL TREES (Continued)**HONEYLOCUST**

Imperial (Plant Patent No. 1605). The IMPERIAL locust is an exceptionally graceful, spreading variety that is destined for recognition as one of the outstanding trees of this age. Branches are symmetrically arranged, forming a much more regular and compact tree than other Honeylocusts. It grows straight and strong without staking and produces a dense and uniform crown with a minimum of trimming in the nursery.

	Suggested Retail	10-29 each	30-99 each
6 to 7 feet, whips	5.50	2.40	2.15
5 to 6 feet, whips	4.50	2.05	1.85
4 to 5 feet, whips	4.00	1.80	1.60

Shademaster (Plant Patent No. 1515). Straight, strong trunk, ascending branches, heavy dark green foliage. Rapid grower, drought resistant, deep rooted.

	10-29 each	30-99 each
6 to 7 feet, whips	3.00	2.50
5 to 6 feet, whips	2.50	2.00
4 to 5 feet	1.90	1.50

Sunburst (Plant Patent No. 1313). The first new color in a hardy ornamental shade tree in decades. Bright golden foliage on 8 to 10 inches of branch tips, contrasts with the rich green of the balance of the tree; appears to be in bloom all summer. Broadly pyramidal head and excellent branching habit creates a beautiful symmetry.

	Suggested Retail	10-29 each	30-99 each
6 to 7 feet, whips	6.25	2.80	2.45
5 to 6 feet, whips	5.40	2.45	2.20
4 to 5 feet, whips	4.40	2.05	1.85

Skyline (Plant Patent No. 1619). Skyline locust is a stately and unusual variety with distinctive pyramidal form. It develops an exceptionally strong, sturdy trunk and shapely crown without being staked or specially trimmed. Branches are uniformly spaced and arranged, resulting in a well-filled tree of rather formal appearance. The leaves of Skyline are dark green and of a heavy, leathery texture. They are more closely spaced, and the leaflets are larger than the average Honeylocust produces, thereby contributing to the compact appearance of the crown. An added touch is the reddish-bronze cast which characterizes the emerging leaves.

	Suggested Retail	10-29 each	30-99 each
6 to 7 feet, whips	5.50	2.40	2.15
5 to 6 feet, whips	4.50	2.05	1.85
4 to 5 feet, whips	4.00	1.50	1.60

LIQUIDAMBAR STYRACIFLUA (Sweet-gum). Large stately tree with fragrant star-shaped foliage that turns brilliant scarlet in autumn. Very desirable shade and ornamental tree. 75 to 100 feet.

	Per 10	Per 100
3 to 3½ inch caliper, B & B	275.00	—
2½ to 3 inch caliper, B & B	225.00	—
2 to 2½ inch caliper, B & B	160.00	—
1½ to 2 inch caliper, B & B	125.00	—
6 to 8 feet, B & B, heavy caliper	60.00	—
5 to 6 feet, B & B, heavy caliper	50.00	—
4 to 5 feet, B & B, heavy caliper	35.00	—

LIRIODENDRON TULIPIFERA (Tulip-tree). One of the noblest and tallest American trees. Interesting truncated leaves; large showy yellow blossoms. 100 to 150 feet

8 to 10 feet, B & B	80.00	—
6 to 8 feet, B & B	60.00	—
5 to 6 feet, B & B	42.50	—

SHADE AND ORNAMENTAL TREES (Continued)

MORaine LOCUST



(Plant Patent No. 836)

The Moraine Locust is a round-headed tree when young, but tall and vase-shaped when older, attaining a height of 80 to 100 feet. It grows more rapidly than the common type of locust because of the absence of seed pods and thorns. This attribute, together with the small leaflets which mostly drift into the lawn between the blades of grass, makes little fall clean-up necessary. It stands pruning well but very little is necessary since the lower branches self-prune as the top grows wider. This makes it desirable for narrow street planting of small properties, as sufficient clearance can be maintained for any type of traffic. Transplants easily. 75 to 100 feet.

	Suggested Retail	10-49 Each	50-249 Each
6 to 7 feet, whips	6.00	2.75	2.50
5 to 6 feet, whips	5.00	2.25	2.00

SHADE AND ORNAMENTAL TREES (Continued)**LOCUST (Robinia)**

Idaho. (R. pseudoacacia Idahoensis). Rapid growing tree with large clusters of pink flowers like sweet peas; thornless. Very showy.

	Per 10	Per 100
6 to 8 feet	30.00	275.00
5 to 6 feet	25.00	225.00
4 to 5 feet	19.00	175.00

MAPLE

Amur (Acer ginnala). Graceful tree or large shrub. Foliage shiny and 3 lobed, up to 3 inches long. Fragrant flowers in panicles. 20 feet.

8 to 10 feet	45.00	400.00
6 to 8 feet	32.50	225.00
5 to 6 feet	25.00	225.00
4 to 5 feet	16.50	150.00

Red or Scarlet (A. rubrum). Smooth gray bark, leaves with 3 to 5 lobes; red flowers before leaves. Valuable as a street and park tree. 120 feet.

3 to 3½ inch caliper, B & B	250.00	—
2½ to 3 inch caliper, B & B	200.00	—
2 to 2½ inch caliper, B & B	150.00	—

Soft or Silver (Acer saccharinum)

Fast-growing tree with gray bark and deeply cut leaves that are green above and silvery beneath. Our trees are superior to the common run of nursery-grown soft maple because they are grown with central leaders without crotches, are well branched with straight smooth trunks of good caliper. 60 to 80 feet.

	Per 10	Per 100
1¼ to 1½ inch caliper	30.00	265.00
8 to 10 feet	25.00	225.00
6 to 8 feet	17.50	165.00

Sugar (A. Saccharum) Sugar Maple. A slow-growing but highly ornamental tree. Foliage turns bright colors in autumn.

	Per 10	Per 100
8 to 10 feet (spring only)	47.50	450.00
6 to 8 feet (spring only)	37.50	350.00
5 to 6 feet (spring only)	26.50	250.00

OAK

Bur (Q. macrocarpa). A beautiful stately tree with broad spreading top. Acorns have mossy caps that cover half or more of the nut. Leaves very large. 80 feet.

1½ to 2 inch caliper, B & B	120.00	—
1¼ to 1½ inch caliper, B & B	100.00	—
8 to 10 feet, B & B	90.00	—

Pin (Quercus palustris). Rapid growing trees with deeply cut leaves that turn bright colors in autumn. Assume a narrow pyramidal form. Excellent street and lawn tree. 80 feet.

3 to 3½ inch caliper, B & B	250.00	—
2½ to 3 inch caliper, B & B	200.00	—
2 to 2½ inch caliper, B & B	150.00	—
1½ to 2 inch caliper, B & B	110.00	—
1¼ to 1½ inch caliper, B & B	90.00	—
8 to 10 feet, B & B	80.00	—
6 to 8 feet, B & B	60.00	—
5 to 6 feet, B & B	42.50	—

SHADE AND ORNAMENTAL TREES (Continued)**OAK (Continued)**

Red. (Q. borealis). Beautiful oak of rapid growth, growing into a large majestic tree. Foliage turns dark red in fall. 80 feet.

	Per 10	Per 100
1¼ to 1½ inch caliper, B & B	100.00	—
8 to 10 feet, B & B	90.00	—
6 to 8 feet, B & B	70.00	—
5 to 6 feet, B & B	50.00	—

Oaks are also available bare root. Write for price.

PEACH, DOUBLE-FLOWERING (See Prunus Persica)

PHELLODENDRON AMURENSE (Amur Corktree). A little-known but highly desirable tree from eastern Asia. Compound foliage resembling that of the Walnut, and brown corky bark. Hardy in the north and adapted to most soils. 50 feet.

1½ to 2 inch caliper	45.00	400.00
1¼ to 1½ inch caliper	35.00	325.00
8 to 10 feet	30.00	275.00
6 to 8 feet	25.00	225.00
5 to 6 feet	22.50	200.00

PLUM, PURPLE LEAF (See Prunus)**POPLAR (Populus)**

Bolleana (Bolles Poplar). An aristocratic tree of many uses. Slender, narrow habit of growth; smooth gray-green bark. Leaves dark green above, white beneath. Grows eventually to be 75 to 100 feet high. Useful in formal, street and screen plantings. It is long-lived, outlasting Lombardy Poplar many years, and does not shed its branches or twigs.

8 to 10 feet	22.50	200.00
6 to 8 feet	15.00	135.00
5 to 6 feet	11.00	100.00
8 to 10 feet, whips	15.00	135.00
6 to 8 feet, whips	11.00	100.00
5 to 6 feet, whips	6.50	60.00
4 to 5 feet, whips	4.50	40.00

Lombardy (P. nigra italica)

Tall slender, rapid growing tree. Used for accent on landscape plantings, screen plantings, windbreaks and shelterbelts. Widely used to plant on property lines of new homes, especially in the rear now that alleys are out of style.

Branched low	Per 10	Per 100	Per 1000
8 to 10 feet	7.50	65.00	550.00
6 to 8 feet	6.00	50.00	450.00
5 to 6 feet	4.00	35.00	—
Whips and Lightly Branched			
5 to 6 feet	2.00	18.00	160.00
4 to 5 feet	1.60	14.00	120.00
3 to 4 feet	1.25	10.00	85.00

SHADE AND ORNAMENTAL TREES (Continued)**PRUNUS PERSICA (Flowering Peach)**

Cardinal. Large fully double, deep red flowers.	Per 10	Per 100
4 to 5 feet	9.50	90.00
3 to 4 feet	7.00	65.00
Charming. Double, light pink flowers.		
4 to 5 feet	9.50	90.00
3 to 4 feet	7.00	65.00
Iceburg. Double, early, snow white.		
4 to 5 feet	9.50	90.00
3 to 4 feet	7.00	65.00
Peppermint stick. Double, red and white striped flowers.		
4 to 5 feet	9.50	90.00
3 to 4 feet	7.00	65.00

PRUNUS (Plum)

Newport. Purple leaf Plum.		
4 to 5 feet	13.50	125.00
3 to 4 feet	11.00	100.00
Triloba. (Flowering Plum). Small tree or large shrub with slender branches, thickly set double pink flowers in April-May. 10 feet.		
3 to 4 feet	11.00	100.00
2 to 3 feet	8.00	75.00

REDBUD (Cercis Canadensis). Heart-shaped leaves; rosy-red flowers in spring. 40 feet.

1½ to 2 inch caliper	60.00	—
1¼ to 1½ inch caliper	40.00	—
8 to 10 feet	35.00	—
6 to 8 feet	27.50	250.00
5 to 6 feet	22.50	200.00
4 to 5 feet	15.00	135.00
3 to 4 feet	9.50	85.00
2 to 3 feet	6.00	55.00

See also Shrubs**PINKBUD**

A selection of the Redbud (*Cercis canadensis*) that has clear pink flowers instead of the usual magenta. An outstanding addition to list of desirable ornamental trees.

5 to 6 feet, B&B	\$15.00 ea.
4 to 5 feet, B&B	10.00 ea.

supply limited

RUSSIAN OLIVE (Also see *Elaeagnus* under Shrubs).

Tree Form. Very hardy, silvery leaves. Fruit silvery-yellow. Fragrant flowers. 20 ft.

	Per 10	Per 100
4 to 5 feet	9.50	85.00
3 to 4 feet	7.00	60.00

SWEETGUM (See *Liquidambar*)

SHADE AND ORNAMENTAL TREES (Continued)

SYCAMORE, American. (*Platanus occidentalis*). Large, handsome leaves, smooth, light colored, almost creamy-white bark with age, gives tree a striking appearance. Heat and drought resistant. 100 to 150 feet.

	Per 10	Per 100
3 to 3½ inch caliper	95.00	900.00
2½ to 3 inch caliper	70.00	650.00
2 to 2½ inch caliper	55.00	500.00
1½ to 2 inch caliper	44.00	400.00
1¼ to 1½ inch caliper	33.00	300.00
8 to 10 feet	27.50	250.00
6 to 8 feet	18.50	175.00

THORN (*Crataegus*)

Washington (*C. phaenopyrum*). A very desirable species with beautiful scarlet coloring in autumn and large clusters of bright red fruit, remaining on the branches for a long time. Upright habit of growth and rather slender. Desirable for hedges and screens. 20 to 30 feet.

3 to 4 feet	17.50	—
2 to 3 feet	12.50	—

TULIP-TREE (See *Liriodendron*)**WILLOW (*Salix*)**

Niobe Weeping (*S. babylonica* var. *aurea*). Irregular picturesque habit of growth. The long gracefully drooping branches are brilliant yellow. Especially attractive in winter.

	Per 10	Per 100	Per 1000
6 to 8 feet	14.00	125.00	1100.00
5 to 6 feet	10.00	90.00	—

Wisconsin Weeping (*S. blanda*). Long drooping branches. Extremely graceful. Green bark.

6 to 8 feet	14.00	125.00	1100.00
5 to 6 feet	10.00	90.00	850.00
6 to 8 feet, whips	2.75	25.00	225.00
5 to 6 feet, whips	2.20	20.00	—

OHIO, May, 1959. "Excellent stock, well packed; arrived in good shape."

PENNSYLVANIA, May 1959. "Thanks for the nice liners."

MONTANA, May, 1959. "Liners were very fine."

COLORADO, February, 1959. "Your stock has all been very excellent in the past, and arrives here in good condition."

TENNESSEE, April, 1959. "Your plants are fine, and sales have been going very well."

KANSAS, April, 1959. "Thank you for the nice nursery stock you sent. We were well pleased with it."

COLORADO, March, 1959. "The evergreens came through fine and they certainly are nice."

NEW MEXICO, April, 1959. "Thanks very much for your wonderful service."

EVERGREENS

The name Willis has become synonymous with Quality in evergreens and there is good reason for it.

A crew of trained men spends most of its time in our evergreens shearing and pruning with skilled hands to insure compactness and symmetry. No diseases or insect pests are permitted a foothold in our trees and no weeds, noxious or otherwise, will be found in our evergreen blocks. We would like to have you come to see for yourself.

All of our evergreens are grown in soil especially suitable for balling. Although we cannot assume responsibility for results, our evergreens have given satisfaction throughout the middlewest.

All evergreens are priced balled and burlapped (B & B).

WILT-PRUFING

If you would like to have your evergreens sprayed with Wilt-Pruf before they are dug, we are prepared to do it for the following additional charges:

Upright	Spreaders	Cost per tree
Up to 3 feet	Up to 24 inches	\$.25
3 feet to 5 feet	24 inches to 36 in.	\$.30
Over 5 feet	Over 3 feet	\$.35

NO-ROT BURLAP

Customers may have their fall-dug evergreens burlapped with No-Rot burlap. This is specially treated to make it last several months longer than untreated burlap. **There will be a nominal charge of only 10¢ per tree for this service.**

EUONYMUS (See Broadleaf Evergreens)

JUNIPERUS (Juniper)

Chinensis columnaris, Blue. Compact, columnar form. Definite blue cast to foliage.

	Each Per 10	Each Per 100
6 to 7 feet	8.75	8.00

Chinensis columnaris, Green. Compact, columnar form. With bright green foliage.

5 to 6 feet	7.75	7.00
4 to 5 feet	6.50	6.00
3 to 4 feet	5.50	5.00

Chinensis mascula. Compact, pyramidal form. Good foliage and color.

4 to 5 feet	6.50	6.00
3 to 4 feet	5.50	5.00
2 to 3 feet	4.40	4.00

Chinensis pfizeriana (Pfizer's J.). Low growing compact tree with horizontally spreading branches. Most popular spreading evergreen.

3½ to 4 feet	6.85	6.25
3 to 3½ feet	5.75	5.25
2½ to 3 feet	4.65	4.25
2 to 2½ feet	3.95	3.65
18 to 24 inches	3.50	3.25
15 to 18 inches	3.00	2.75
12 to 15 inches	2.50	2.25

EVERGREENS (Continued)

JUNIPERUS (Continued)

Chinensis pfitzeriana aurea (Golden Pfitzer). The new growth is golden yellow making an interesting contrast with the green foliage; useful for adding a note of color to the landscape.

	Each Per 10	Each Per 100
2½ to 3 feet	5.25	4.75
2 to 2½ feet	4.40	4.00
18 to 24 inches	3.85	3.50
15 to 18 inches	3.50	3.25
12 to 15 inches	2.95	2.50

Chinensis pfitzeriana, Kallay. Same habit of growth as regular Pfitzer but with finer foliage, resulting in more compact tree.

	Each Per 10	Each Per 100
2½ to 3 feet	5.50	5.00
2 to 2½ feet	4.40	4.00

Chinensis pfitzeriana, Silver Blue. Similar to the regular Pfitzer Juniper, but with shining silvery-blue color.

3 to 3½ feet	6.50	6.00
2½ to 3 feet	5.50	5.00
2 to 2½ feet	4.40	4.00
18 to 24 inches	3.85	3.50
15 to 18 inches	3.50	3.25

Chinensis procumbens (Creeping Chinese J.). Low spreading shrub. One of the best groundcover evergreens.

18 to 24 inches	4.25	3.75
15 to 18 inches	3.30	3.00
12 to 15 inches	2.75	2.50

Communis depressa plumosa (Andorra J). Makes a dense spreading groundcover; foliage purple in winter.

2 to 2½ feet	4.40	4.00
18 to 24 inches	3.75	3.50
15 to 18 inches	3.30	3.00
12 to 15 inches	2.75	2.50

Excelsa stricta (Spiny Greek J.) Semi-dwarf, broadly conical form with heavy bluish foliage.

18 to 24 inches	2.75	2.50
15 to 18 inches	2.25	2.00

Glauca hetzi, Globes. Sheared into compact globes. Blue-green foliage excellent for entrance plantings.

15 to 18 inches	3.85	3.50
12 to 15 inches	3.35	3.00

Glauca hetzi (Staked Upright). Resembles Pfitzer's juniper, but foliage is blue-green and tree grows faster than Pfitzer.

3 to 3½ feet	6.00	5.50
2½ to 3 feet	5.50	5.00
2 to 2½ feet	5.00	4.50

Kosteri plumosa. Spreading habit of growth soft pliable feathery foliage. Gracefully arching branches.

3 to 3½ feet	6.50	6.00
2½ to 3 feet	5.50	5.00
2 to 2½ feet	4.50	4.00
18 to 24 inches	3.85	3.50
15 to 18 inches	3.35	3.00

Sabina (Savin J.) Low vase-shaped, very dark green.

3 to 3½ feet	5.75	5.25
2½ to 3 feet	4.65	4.25
2 to 2½ feet	3.95	3.65
18 to 24 inches	3.50	3.25
15 to 18 inches	3.00	2.75
12 to 15 inches	2.50	2.25

EVERGREENS (Continued)**JUNIPERUS (Continued)**

Sabina tamariscifolia (Tamarix Savin J). Blue-green foliage compact spreading habit, with ascending branches.

	Each Per 10	Each Per 100
15 to 18 inches	3.50	3.25
12 to 15 inches	3.00	2.75

Sabina Von Ehron (Von Ehron's J.) Dark green spreader with rising branches. Shears well and makes a good spreader where more height is desired.

3 to 3½ feet	5.00	4.50
2½ to 3 feet	4.40	4.00
2 to 2½ feet	3.95	3.65
18 to 24 inches	3.50	3.25

Sabina von Ehron (Globes). Sheared into compact globe form.

2 to 2½ feet	5.50	5.00
18 to 24 inches	4.50	4.00
15 to 18 inches	3.85	3.50
12 to 15 inches	3.35	3.00

Scopulorum Blue-Green. Foliage blue-green. Grows into a compact tree with very little shearing.

3 to 3½ feet	5.50	5.00
2½ to 3 feet	5.00	4.50

Scopulorum Chandler. Broadly pyramidal tree with bright silvery foliage. Shears well.

2½ to 3 feet	5.00	4.50
2 to 2½ feet	4.50	4.00

Scopulorum Crawford. Compact, broadly pyramidal in shape. Silvery-blue foliage. Blight resistant.

3½ to 4 feet	6.25	5.75
3 to 3½ feet	5.50	5.00

Scopulorum Gray Gleam (Pat. No. 848). A choice variety of scopulorum juniper with steel gray foliage. Grows in a compact cone shape; highly ornamental.

2½ to 3 feet	5.00	4.75
2 to 2½ feet	4.50	4.25

Scopulorum Moffeti. Blue-green foliage, dense pyramidal habit.

3½ to 4 feet	6.25	5.75
3 to 3½ feet	5.50	5.00
2½ to 3 feet	5.00	4.50
2 to 2½ feet	4.40	4.00

Scopulorum Silver Column. Broadly pyramidal form with beautiful silvery-blue foliage.

3 to 3½ feet	5.50	5.00
2½ to 3 feet	5.00	4.50
2 to 2½ feet	4.35	4.00

Scopulorum Sutherland. Light silvery green foliage. The best of the so-called green scopulorum.

2½ to 3 feet	5.00	4.50
2 to 2½ feet	4.40	4.00



Various types of Evergreens growing in our fields.

EVERGREENS (Continued)

JUNIPERUS (Continued)

JUNIPER SCOPULORUM

Platinum

An Outstanding New Evergreen

(Plant Patent No. 1070)

This splendid new Juniper, recently introduced by us, is finding wide acceptance. Its brilliant silvery blue color is retained the year around. It grows fairly rapidly, but because the foliage is so dense, very little shearing is required to make it compact and symmetrical. Especially adapted to the Great Plains, the Mountain states, and the Southwest. It has never blighted with us. Upright pyramidal shape.

	Each Per 10	Each Per 100
2½ to 3 feet	5.00	4.75
2 to 2½ feet	4.50	4.25

Scopulorum Welchi. Columnar habit, greenish-silver foliage. Requires very little shearing.

	Each Per 10	Each Per 100
3 to 3½ feet	5.50	5.00
3½ to 3 feet	5.00	4.50
2 to 2½ feet	4.40	4.00

Virginiana burki. Compact, pyramidal form, foliage distinctly blue.

5 to 6 feet	8.50	8.00
4 to 5 feet	7.50	7.00
3½ to 4 feet	6.50	6.00
3 to 3½ feet	5.75	5.25
2½ to 3 feet	5.25	4.75
2 to 2½ feet	4.50	4.25

Virginiana Canaerti. Pyramidal evergreen with very dark green whipcord foliage. One of the finest of all upright evergreens.

2½ to 3 feet	5.50	5.00
2 to 2½ feet	4.75	4.50

Virginiana Cupressifolia. Resembles Canaerti juniper in color and form but grows faster.

4 to 5 feet	7.50	7.00
3½ to 4 feet	6.50	6.00
3 to 3½ feet	5.75	5.25
2½ to 3 feet	5.25	4.75
2 to 2½ feet	4.50	4.25

Virginiana Deforest Green. Resembles Canaert but has finer foliage and grows faster and more compact.

3½ to 4 feet	6.50	6.00
3 to 3½ feet	5.75	5.25
2½ to 3 feet	5.25	4.75
2 to 2½ feet	4.50	4.25

Virginiana Henryi. Dark green foliage, symmetrical pyramidal habit of growth. Stays green all winter.

3 to 3½ feet	5.75	5.25
2½ to 3 feet	5.25	4.75

EVERGREENS (Continued)**JUNIPERUS (Continued)**

Virginiana Hill. (Hill's Dundee J). Typical red cedar form, but dark green. Very compact, foliage turning plum color in winter. A variety to be highly recommended.

	Each Per 10	Each Per 100
3 to 4 feet	6.00	5.50
2 to 3 feet	5.50	5.00

Virginiana Keteleeri. Compact pyramidal form with ascending branches and dark green whipcord foliage.

6 to 7 feet	9.35	8.50
5 to 6 feet	8.25	7.50
4 to 5 feet	7.15	6.50
3 to 4 feet	6.00	5.50
2 to 3 feet	5.25	4.75

Virginiana Manhattan Blue. Selected strain of *Juniperus virginiana*. Compact habit of growth, and bluish foliage.

4 to 5 feet	7.35	6.75
3 to 4 feet	6.50	6.00
2 to 3 feet	5.25	4.75

THUJA (Arbor Vitae)

Aurea nana (Berckman's Golden A. V.). Semi-dwarf oval-shaped tree, with golden foliage. Very compact.

2½ to 3 feet	3.90	3.50
2 to 2½ feet	3.40	3.00
18 to 24 inches	2.90	2.50
15 to 18 inches	2.25	2.00

Bonita. Broad, rounded shape, very dark green foliage. Semi-dwarf.

3 to 3½ feet	4.25	3.75
2½ to 3 feet	3.50	3.25
2 to 2½ feet	3.00	2.75

Crawford's Compact. Dark green, fine foliage. Medium width, compact.

4 to 5 feet	4.75	4.25
3 to 4 feet	3.85	3.50

Excelsa. Broad, fine foliage, dark green color.

4 to 5 feet	4.50	4.25
3 to 4 feet	3.85	3.50
2 to 3 feet	3.00	2.75
18 to 24 inches	2.65	2.35

Holman's. Very fine foliage. Makes beautiful hedge.

4 to 5 feet	4.65	4.25
3 to 4 feet	3.85	3.50
2 to 3 feet	3.00	2.75

PINUS (Pine)

Ponderosa (Western Yellow Pine). Long, dark green needles.

4 to 5 feet	8.25	7.50
3 to 4 feet	6.50	6.00
2 to 3 feet	5.00	4.50

Strobus (White Pine). Medium long needles, soft, bluish-green.

4 to 5 feet	8.00	7.50
3 to 4 feet	6.50	6.00
2 to 3 feet	5.00	4.50

Sylvestris (Scots Pine). Short, twisted bluish-green needles. Grows fairly rapidly and assumes picturesque forms when mature.

6 to 8 feet	12.00	11.00
5 to 6 feet	10.00	9.00
3 to 4 feet	6.50	6.00
2 to 3 feet	5.00	4.50

Euonymus Dupont

After observing the performance of this *Euonymus* for several years, we were so impressed by its many excellent qualities that we decided to give it a special name to distinguish it from other strains of *Euonymus*.

Euonymus Dupont is a selection of the small-leaf strain of *Euonymus patens* (Kiautschovicus) one of the most useful broadleaf evergreens ever introduced.

It is characterized by small dark green, clean-cut leaves set closely on the stems. It is extremely bushy for its height. Two-year-old plants often have as many as 30 to 50 canes.

In addition to making a very compact growth, it produces a vigorous root system characterized by many fibrous roots. Because of this it transplants bare root very readily. In fact it can be transplanted successfully almost any time of the year. Its growth is fairly rapid, yet it can be kept within bounds by occasional shearing. The more it is sheared the denser the growth.

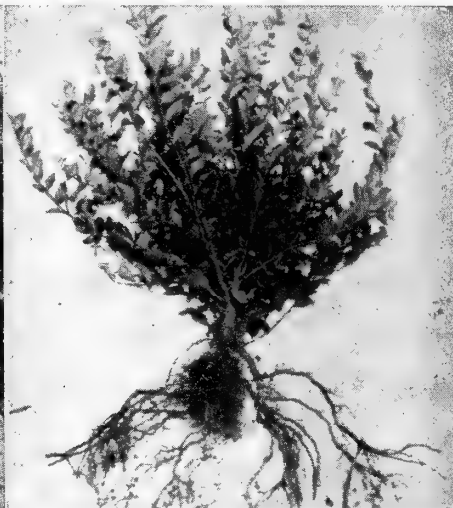
Use for hedges, foundation plantings, planter boxes, walls, and individual specimens.

PRICES

	Per 10	Per 100	
2 to 2½ feet, B & B, heavy, well furnished	\$52.50	\$500.00	
18 to 24 inches, B & B, heavy, well furnished	36.50	350.00	
15 to 18 inches, B & B, heavy, well furnished	26.50	250.00	
10 to 15 inches, B & B, heavy, well furnished	21.50	200.00	
	Per 10	Per 100	Per 1000
15 to 18 inches, BR hedging	8.00	75.00	650.00
10 to 15 inches, BR hedging	6.50	60.00	500.00
6 to 10 inches, BR hedging	5.00	45.00	350.00
2 inch pots	3.00	25.00	220.00



Block of two-year-old *Euonymus Dupont* showing dense, uniform habit of growth.



Two-year-old plant of *Euonymus Dupont* dug from nursery row. Note the mass of fibrous roots.

BROADLEAF EVERGREENS

COTONEASTER

Divaricata. Handsome shrub with small dark green leaves, slender spreading branches, pink flowers, red berries; almost evergreen.

	Per 10	Per 100
3 to 4 feet, B & B	30.00	—
2 to 3 feet, B & B	25.00	—
18 to 24 inches, B & B	20.00	—
18 to 24 inches, BR	8.00	75.00
12 to 18 inches, BR	5.50	50.00
2 inch pots	2.00	18.00

EUONYMUS DUPONT (See Page 32)

EUONYMUS FORTUNEI. Broadleaf evergreen vine with thick, dark green foliage. Will cling to rough surfaces and can also be used for ground cover.

2 inch pots	2.50	20.00
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EUONYMUS FORTUNEI COLORATUS (Purpleleaf Wintercreeper). Evergreen foliage that turns bronzy-red in autumn. Excellent ground cover.

2 inch pots	2.50	20.00
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EUONYMUS FORTUNEI MINIMUS. Small dark green leaves. A creeping plant that will cling to brick, stone, stucco and rough boards. Use in rock gardens and on foundations and low walls.

2 inch pots	3.00	25.00
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EUONYMUS FORTUNEI, UPRIGHT, SARCOXIE (Upright Euonymus Radicans). New. Grows upright naturally. Makes good shrubs and thick hedges. Can be staked and sheared into columns. Dark green leaves and stems the year round. Transplants easily bare root. We consider this one of the best and most useful broadleaf evergreens introduced in recent years. Strong field-grown plants.

	Per 10	Per 100	Per 1000
18 to 24 inches, B & B	35.00	300.00	—
15 to 18 inches, B & B	25.00	225.00	—
12 to 15 inches, B & B	20.00	175.00	—
18 to 24 inches, BR	11.00	100.00	—
15 to 18 inches, BR	8.50	80.00	750.00
10 to 15 inches, BR	6.50	60.00	550.00
6 to 10 inches, BR	4.50	40.00	350.00
2 inch pots	2.50	20.00	—

EUONYMUS FORTUNEI VEGETUS. A slow growing plant with rounded, thick, leathery leaves. Grows as a clinging vine or can be sheared into a shrub.

	Per 10	Per 100
2 inch pots	2.50	22.00

EUONYMUS PATENS. (Kiautschovicus). (Large leaf.) Field-grown, large leaf variety for mass or formal plantings, or as individual specimens.

	Per 10	Per 100	Per 1000
2 to 2½ feet, B & B	30.00	275.00	—
18 to 24 inches, B & B	25.00	225.00	—
15 to 18 inches, B & B	20.00	175.00	—
15 to 18 inches, BR	5.00	45.00	400.00
10 to 15 inches, BR	4.00	35.00	300.00
2 inch pots	1.80	16.00	—

BROADLEAF EVERGREENS (Continued)

EUONYMUS PATENS (Small Leaf). Ideal for evergreen hedges. Makes a very bushy plant that may be allowed to grow informally, or by shearing can be made into a compact formal hedge anywhere from 10 inches to 3 feet high. Excellent substitute for boxwood in the middle-west. Use for boundary hedges, or for enclosing rose and flower gardens and for formal planting. This is an extremely useful plant.

Can be planted any time of the year. Transplants very easily with a minimum of loss.

	Per 10	Per 100	Per 1000
18 to 24 inches, B & B	27.50	250.00	—
15 to 18 inches, B & B	22.50	200.00	—
15 to 18 inches, BR	5.50	50.00	450.00
10 to 15 inches, BR	4.50	40.00	350.00

BROADLEAF EVERGREENS IN PLANTAINERS

We are growing a good assortment of broadleaf evergreens in Plantainers, including Cotoneaster, Euonymus, Pyracantha. Write for special list.

NOTE: See Lining-out Stock for other varieties of Broadleaf Evergreens.

LINING-OUT STOCK

Our modern propagating plant is devoted to the production of high quality lining-out stock. We offer an excellent assortment of shrubs, shade trees, vines, evergreens, broadleaf evergreens. See pages 38 to 44).

INCREASE YOUR PROFITS

by offering your customers these aristocrats:

Christine Buisman Elm	Euonymus Dupont
Moraine Locust	Glowing Ember Quince
Sunburst Locust	Euonymus Sarcoxie
Imperial Locust	Goldflame Honeysuckle
Skyline Locust	Redgold Honeysuckle
Blue Spirea, Azure	Mentor Barberry
Deutzia Corymbosa	Clavey's Dwarf Honeysuckle
Cut-Leaf Lilac	Ampelopsis Aconitifolia
Border Privet	Platinum Juniper

FALL BULBS

We import tulips, hyacinths, crocus, narcissus, etc., in carload lots direct from Holland. Fall bulbs can be planted out-of-doors until the ground freezes, even as late as January, with good results. Write for price list.

PERENNIALS

All of the perennials offered here are field-grown, except as otherwise noted. We recommend express shipment for perennials, because they are too perishable for freight shipment.

	Per 10	Per 100
BELAMCANDA CHINENSIS (Blackberry Lily). Long stemmed. Lily-like flowers, orange spotted red.	1.40	12.00

BLEEDING HEART (See Dicentra)

DICENTRA SPECTABILIS (Old-Fashioned Bleeding Heart). Large heart-shaped pink flowers on gracefully drooping branches, early spring. 3 to 5 eye divisions.	4.50	40.00
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PHLOX PANICULATA (Hardy Garden Phlox)

Adonis. Brilliant badge-red	2.10	18.00
Blue Boy. Clear blue.	2.10	18.00
Chieftain. Deep crimson, non-fading	2.10	18.00
Daily Sketch. Salmon-pink, red eye.	2.10	18.00
Leo Schlageter. Clear, Brilliant scarlet.	2.10	18.00
Prime Minister. White with red eye.	2.10	18.00
Royal Purple. Dark violet blue, rose-violet eye.	2.10	18.00
Sir John Falstaff. (New) Rich luminous salmon-pink.	3.00	25.00
White Admiral. Excellent white.	2.10	18.00

PLUMBAGO LARPENTAE (Lead Plant). Dwarf spreading plant not over 6 to 8 inches high. Deep blue flowers, attractive foliage. Good border plant and desirable ground cover.

3 inch pots	2.50	22.00
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SEDUM (Stonecrop).

Sieboldi. Creeping plant with blue foliage and pink flowers. Excellent rock garden plant. Best sedum.

3 inch pots	2.20	20.00
2 inch pots	1.80	16.00

VINCA (Periwinkle)

Minor. Shiny dark green foliage and blue flowers. Grows flat on the ground and makes an excellent ground cover.

2 inch pots	1.80	16.00
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Minor, Bowles Variety. Larger leaves and deeper blue flowers than Vinca Minor.

2 inch pots	2.00	18.00
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Minor Rubra. Similar to Bowles, but the flowers are an attractive mahogany-red.

2 inch pots	2.50	22.00
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CHRISTINE BUISMAN ELM

Why not plant elms that you **know** will not be attacked by the elm diseases. The Christine Buisman elm has been tested by the U.S.D.A. for many years and pronounced immune to phloem necrosis and extremely resistant to Dutch elm disease. See pages 18 and 19.

PEONIES

Standard 3 to 5 eye divisions from young plants not over three years old. We do not cut any flowers from our fields, so you can depend upon receiving strong healthy plants.

Varieties marked with an asterisk (*) are recommended as good varieties for cut flowers.

	Per 10	Per 100
* Avalanche. Double, late midseason. Blush-white with faint pink center and narrow crimson tips on a few petals	5.00	45.00
* Baroness Schroeder. Flesh-pink changing to white with creamy center. Late midseason. Fragrant.	5.00	45.00
Benjamin Franklin. Dark crimson, large outer petals, medium size, tall growing. Vigorous and free-flowering. Midseason.	5.00	45.00
Duchesse de Nemours. Double, large, early. White outer petals, yellow tinge in center petals. Very floriferous.	4.50	40.00
* Edulis Superba. Very double, very early, medium size. Clear deep pink blooms; tall plants.	3.50	30.00
* Felix Crousse. Large, bright rosy-red. Late midseason.	4.50	40.00
* Festiva Maxima. Double white with crimson flecks on center petals. Midseason.	5.00	45.00
Frances Willard. Late midseason, opens pale pink changing to white with yellow suffusion in collar.	5.00	45.00
James Kelway. Very large, double. Pale pink changing to almost white. Free blooming. Midseason.	5.50	50.00
Longfellow. Double, large, midseason. Bright crimson with golden yellow stamens; strong stems, excellent foliage.	6.50	60.00
* Mme. Calot. Very light old-rose-pink with creamy tints in collar. Darker center marked crimson. Early.	4.50	40.00
* Mme. Emile Galle. Large, double light rose-pink. Fair rose fragrance. Late, free-flowering.	5.00	45.00
Marie Lemoine. Very large; late. Lemon white with traces of crimson on edges. Fragrant.	5.00	45.00
* Mary Brand. Dark, clear crimson. Fragrant. Midseason.	6.50	60.00
* Octavie Demay. Early. Light old-rose-pink with darker center, few crimson markings. Dwarf, free-flowering.	4.50	40.00
* Sarah Bernhardt. Light rose-pink, petals silvered lighter on tips. Fragrant, late.	5.00	45.00
Therese. Double, very large, midseason. Pale translucent old-rose-pink; golden glow in depths of center petals.	6.00	55.00
Tourangelle. Double, late. Bomb shaped flower, pale cream-white shaded tan and flesh-pink. Fragrant.	5.00	45.00
Walter Faxon. Double, medium, midseason; vivid shell-pink; fragrant. Medium height, good stems and foliage.	5.00	45.00

PEONIES BY COLOR

Pink, unnamed	3.50	30.00
Red, unnamed	3.50	30.00
White, unnamed	3.50	30.00

PACKAGED PEONIES

WILLIS' IMPROVED PACKAGE

**Ideal for Cash-and-Carry, Self Serve and
Counter Sales. Fall and Spring.**

Large, strong plants put up individually in attractive packages of bright yellow enameled paper, lined with waterproof paper and capped with moisture-resistant cellophane. Each package is labeled with a large four-color picture of the bloom (4 × 5 inches) that makes selling easy. Complete planting instructions on each package. Popular named varieties. Approximate shipping weight 1 lb. each.

Price 50 cents each



Edulis Superba, old rose-pink
Felix Crousse, brilliant crimson
Festiva Maxima, large early, white
Karl Rosenfield, bright crimson
Mons. Jules Elie, light rose-pink

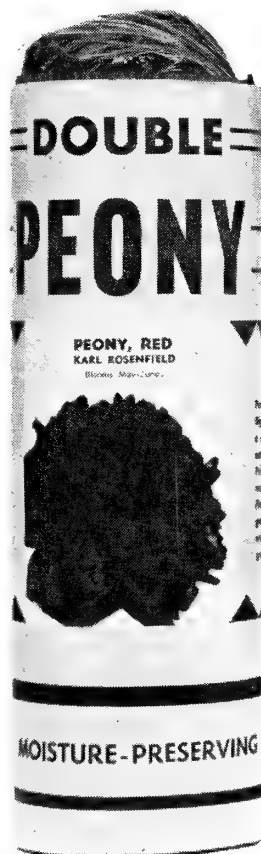


**Please Order in multiples of
10 of a variety.**

Minimum shipment 50 packages.

Peonies sell in approximately the
following proportions by color:

Pink 35%, Red 45%, White 20%



liners that live TRADE MARK

and Grow

SHRUBS
VINES
BROADLEAF EVERGREENS
EVERGREEN GRAFTS

SHADE TREES
ORNAMENTAL TREES
EVERGREENS
FRUIT TREE STOCK

LINING-OUT STOCK

Better stands. Pot plants have a better root system and stand the shock of transplanting better than bare root stock. You get better stands; it costs you less per plant care for them in the field; you have more finished stock to sell.

Better growth. Pot plants start off quicker and make a better first season growth; thus they are ready to market sooner.

You can plant later. Pot plants can safely be set out in the field much later than bare root stock. This gives you more planting time in your busy season. With irrigation you can plant nearly all summer.

Minimum Quantities. Please do not order less than 25 of any one plant. 300 of any one variety supplied at 1,000 rate.

SHRUBS

	Each Per 100	Each Per 1000
BERBERIS (Barberry)		
Mentorensis, 2¼ inch pots .....	.25	.20
Redleaf, 2 year seedlings, 9 to 12 inches .....	.12	.10
BUDDLEIA (Butterfly Bush)		
Alternifolia, 2 inch pots .....	.18	.16
CALLICARPA (Beauty Bery)		
Dichotoma, 2 inch pots .....	.18	.16
CARYOPTERIS (Blue Spirea)		
Azure, 2 inch pots .....	.18	.16
CHAENOMELES (Flowering Quince)		
Lagenaria, Glowing Ember, layers .....	.12	.10
COTONEASTER		
Divaricata, 2½ inch pot .....	.20	.18
DESMODIUM		
Penduliflorum, 2½ inch pots .....	.20	.18
DEUTZIA		
Corymbosa (Himalayan D.) 2½ inch pots .....	.18	.16
EUONYMUS		
Alatus compactus		
2 inch pots .....	.18	.16
Europaeus, 2¼ inch pots .....	.18	.16
FORSYTHIA (Golden Bell)		
Arnold's Giant, 2 inch pots .....	.18	.16
Intermedia spectabilis, 2¼ inch pots .....	.17	.15
Lynwood Gold, 2¼ inch pots .....	.18	.16
Spring Glory, 2¼ inch pots .....	.18	.16
Viridissima Bronxensis, 2 inch pots .....	.20	.18

LINING OUT STOCK

SHRUBS (Continued)

LONICERA (Bush Honeysuckle)

	Each Per 100	Each Per 1000
Clavey's Dwarf, 2 inch pots .....	.22	.20
Fragrantissima, 2 inch pots .....	.18	.16
Korolkowi floribunda, 2 inch pots .....	.18	.16
Tatarica, Wheeling, 2¼ inch pots .....	.18	.16
Tatarica, Zabeli, 2¼ inch pots .....	.18	.16

PHILADELPHUS (Mockorange)

Avalanche, 2½ inch pots .....	.18	.16
Coronarius, 2¼ inch pots .....	.18	.16
Enchantment, 2¼ inch pots .....	.18	.16
Mont Blanc, 2¼ inch pots .....	.18	.16

PRUNUS

Besseyi (Hansen Bush-Cherry)

18 to 24 inches, seedlings .....	.08	.07
12 to 18 inches, seedlings .....	.06	.05

QUINCE (See Chaenomeles)

ROSA (Rose)

Multiflora japonica		
¼ inch caliper .....	.05½	.05
3/16 inch caliper .....	.04½	.04
2/16 inch caliper .....	.03	.02½

SPIREA

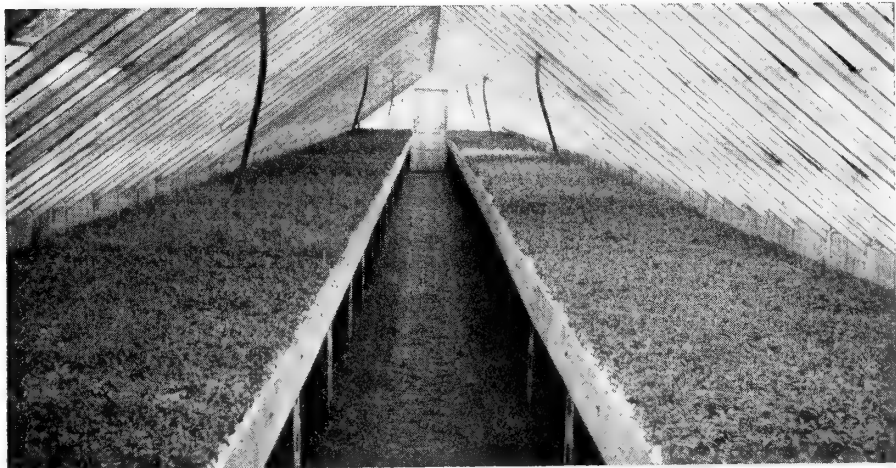
Anthony Waterer, 2 inch pots .....	.19	.17
Arguta, 2 inch pots .....	.18	.16
Froebeli, 2¼ inch pots .....	.18	.16
Japonica Coccinea, 2 inch pots .....	.20	.18
Mongolica, 2 inch pots .....	.18	.16
Prunifolia plena, 2 inch pots .....	.18	.16
Thunbergi, 2 inch pots .....	.18	.16

SYRINGA (Lilac)

Rothomagensis, 2¼ inch pots .....	.18	.16
Rothomagensis, Pink Flowered, 2¼ inch pots .....	.20	.18
Rothomagensis, Cutleaf, 2¼ inch pots .....	.20	.18

VIBURNUM

Dentatum, 9 to 12 inch seedlings .....	.12	.10
Opulus, 2¼ inch pots .....	.18	.16
Opulus sterilis, 2¼ inch pots .....	.18	.16



View in one of our propagating houses.

LINING OUT STOCK

SHRUBS (Continued)

WEIGELA

	Each Per 100	Each Per 1000
Newport, 2½ inch pots .....	.20	.18
Rosea, 2½ inch pots .....	.18	.16

VINES

CELASTRUS (Bittersweet)

Scandens (Fruiting strain) 2¼ inch pots18	.16
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EUONYMUS

Fortunei coloratus, 2½ inch pots30	.25
Fortunei coloratus, 2 inch pots25	.20
Fortunei minimus, 2¼ inch pots .....	.30	.25

LONICERA (Honeysuckle)

Goldflame, 2¼ inch pots .....	.20	.18
Japonica halliana, 2 inch pots .....	.14	.12
Japonica halliana, 3 inch pots .....	.22	.20
Japonica halliana, Purple-leaf, 2 inch pots .....	.18	.16
Redgold (Tellmanniana) 2¼ inch pots .....	.20	.18

POLYGONUM

Reynowtria, 3 inch pots .....	.22	.20
Reynowtria, 2¼ inch pots .....	.20	.18

VINCA (See Vines and Ground Covers)

SHADE AND ORNAMENTAL TREES

ACER SACCHARINUM (Soft Maple)

	Per 100	Per 1000
18 to 24 inches	5.00	45.00
12 to 18 inches	4.00	35.00

ALBIZZIA JULIBRISSIN (Silktree, Mimosa)

12 to 18 inch seedlings	7.50	70.00
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CATALPA SPECIOSA (Western Catalpa)

18 to 24 inches	3.60	32.00
12 to 18 inches	3.50	30.00

CELTIS OCCIDENTALIS (Hackberry)

18 to 24 inches	5.00	45.00
12 to 18 inches	3.50	30.00

CERCIS CANADENSIS (Redbud)

18 to 24 inches	10.00	90.00
12 to 18 inches	8.50	75.00



Aerial view of our propagating greenhouses and beds of "Liners that Live."

LINING OUT STOCK

SHADE AND ORNAMENTAL TREES (Continued)		Per 100	Per 1000
ELAEAGNUS ANGUSTIFOLIA (Russian Olive)			
18 to 24 inches	.....	6.00	55.00
12 to 18 inches	.....	4.50	40.00
ELM (See Ulmus)			
FRAXINUS LANCEOLATA (Green Ash)			
18 to 24 inches	.....	4.50	35.00
12 to 18 inches	.....	3.50	25.00
GLEDITSIA TRIACANTHOS INERMIS (Thornless Honeylocust)			
12 to 18 inches	.....	3.50	30.00
6 to 12 inches	.....	2.50	20.00
KOELREUTERIA PANICULATA (Goldenrain Tree)			
12 to 18 inches	.....	20.00	150.00
9 to 12 inches	.....	15.00	125.00
MORUS ALBA TATARICA (Russian Mulberry)			
18 to 24 inches	.....	4.00	35.00
12 to 18 inches	.....	3.00	25.00
POPULUS (Poplar) (See Shade Trees)			
PRUNUS ARMENIACA (Apricot)			
3 to 4 feet	.....	12.00	100.00
2 to 3 feet	.....	10.00	80.00
QUERCUS COCCINEA (Scarlet Oak)			
3 inch pots	.....	15.00	—
QUERCUS PALUSTRIS (Pin Oak)			
3 to 4 feet	.....	30.00	250.00
2 to 3 feet	.....	22.00	180.00
18 to 24 inches	.....	15.00	120.00
12 to 18 inches	.....	10.00	80.00
3 inch pots	.....	15.00	—

QUERCUS PALUSTRIS, Pin Oak. These are larger, heavier seedlings that have been trimmed up into small trees. Ideal starters for a block of shade trees that will put you two years ahead of normal production. Much of the preliminary work has been accomplished, making your job shorter and easier.

Height	Minimum caliper	Per 100	Per 1000
5 to 6 feet	¾"	\$110.00	\$950.00
4 to 5 feet	⅝"	80.00	700.00
3 to 4 feet	½"	60.00	450.00

(300 alike or assorted at the 1000 rate)

	Per 100	Per 1000
QUERCUS RUBRA (Q. borealis maxima) (Northern Red Oak)		
18 to 24 inches	15.00	120.00
12 to 18 inches	10.00	80.00
ROBINIA PSEUDOACACIA (Black Locust)		
3 to 4 feet	6.00	50.00
2 to 3 feet	4.00	35.00
18 to 24 inches	3.30	28.00
SOPHORA JAPONICA (Japanese Pagodatree)		
9 to 12 inches	12.00	100.00
6 to 9 inches	8.00	70.00
ULMUS AMERICANA (American Elm)		
18 to 24 inches	4.00	35.00
12 to 18 inches	3.00	25.00

LINING OUT STOCK
SHADE AND ORNAMENTAL TREES (Continued)

	Per 100	Per 1000
ULMUS PUMILA (Chinese Elm)		
3 to 4 feet	7.50	70.00
2 to 3 feet	5.00	45.00
18 to 24 inches	3.50	32.00
12 to 18 inches	3.00	25.00

FRUIT TREE SEEDLINGS

PEAR

Calleryana		
1/4 inch and up	6.50	60.00
No. 1, 3-16 to 1/4 inch	6.00	55.00
No. 2, 2-16 to 3-16 inch	5.50	50.00
No. 3, about 2-16 inch	5.00	45.00

MAHALEB (Cherry)

No. 1, 3-16 to 1/4 inch	5.00	45.00
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PEACH SEED

California Lovell pits, 1959 crop. We have been using these pits for many years with very good results.

Per bushel, 50 lbs.	\$5.00
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EVERGREENS

	Per 100 Each	Per 1000 Each
JUNIPERUS (Juniper)		
Chinensis Pfitzeriana, 2 1/2 inch pots22	.20
Chinensis Pfitzeriana, Golden, 2 1/4 inch pots .....	.22	.20
Chinensis Pfitzeriana, Silver-blue, 2 1/4 inch pots .....	.25	.22
Glauca Hetzi, 2 1/4 inch pots .....	.22	.20
Kosteri plumosa, 2 1/4 inch pots .....	.22	.20
Sabina (Savin), 2 1/4 inch pots .....	.22	.20
Sabina tamariscifolia, 2 1/4 inch pots .....	.22	.20
Sabina Von Ehron, 2 1/4 inch pots .....	.22	.20

(For liners of upright Junipers, see Evergreen Grafts.)

TAXUS (Yew)

Cuspidata (Japanese Yew) 2 1/2 inch pots22	.20
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THUJA (Arbor Vitae)

Orientalis, 9 to 12 inch seedlings12	.10
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Large greenhouse where our potted liners are hardened off
before transferring to outside beds.

LINING OUT STOCK

BROADLEAF EVERGREENS

	Per 100 Each	Per 1000 Each
COTONEASTER		
Divaricata, 2½ inch pots .....	.20	.18
Adpressa praecox 2 inch pots .....	.25	.22
EUONYMUS		
Dupont 2 inch pots .....	.25	.22
Fortunei Coloratus 2¼ inch pots .....	.25	.20
Fortunei 2 inch pots .....	.25	.20
Fortunei Minimus 2¼ inch pots .....	.30	.25
Fortunei Sarcocie 2 inch pots .....	.25	.20
Fortunei Vegetus 2 inch pots .....	.25	.22
Manhattan 2 inch pots .....	.22	.20
Patens, Large Leaf 2 inch pots .....	.18	.16
LONICERA YUNNANENSIS (Yunnan Honeysuckle)		
2 inch pots .....	.25	.22
PYRACANTHA (Firethorn)		
Coccinea, Vincent's Hardy Strain 2½ inch pots .....	.22	.20
Coccinea pauciflora 3 inch pots .....	.25	.22
2 inch pots .....	.20	.18

CONTAINER-GROWN STOCK

We are producing a good assortment of nursery stock in Plantainers, including evergreens, vines, and shrubs. Write for special price list.

JUNIPER GRAFTS

For many years we have been grafting junipers with good success. Some of the largest nurseries in the country are among our customers for them. See the excellent assortment we are offering on page 44.

TEXAS, February, 1959. "The shipment of nursery stock was received very promptly. The stock was in good condition. I was very pleased with the uniform grading of the shipment."

EVERGREEN GRAFTS

Our grafts are made by skilled workmen using our new up-to-the-minute propagation plant.

Minimum order: 25 of any one variety.
Ready for delivery, spring 1959.

\$65.00 per 100 \$600.00 per 1,000
(300 alike or assorted, at 1,000 rate)

JUNIPERUS (Juniper)

(Juniperus virginiana understock)

CHINENSIS

Story

Ames	Maneyi
Columnaris, Blue	Mascula
Iowa	Pfitzeriana, Silver

SCOPULORUM

Blue-Green	Pathfinder
Blue Haven	Silver Column
Chandler	Steel-Blue
Cologreen	Sutherland
Crawford	Welch
Moffet	
Gray Gleam (Pat. No. 848)	\$1.00 each

VIRGINIANA

Burki	Keteleeri
Canaerti	Kosteri Plumosa
Cupressifolia	Hilli (Dundee J)
Henryi	Manhattan Blue

THUJA (Arbor Vitae)

(Thuja orientalis understock)

Aurea nana	Excelsa
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CUPRESSUS (Cypress)

(Thuja orientalis understock)

Garee Blue	Greenwood
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JUNIPERUS SCOPULORUM

PLATINUM

(Plant Patent No. 1070)

New! Recently introduced by us. Brilliant silvery-blue color retained the year around. Dense foliage, requiring very little shearing to make compact and symmetrical. It has never blighted with us.

GRAFTS \$1.00 each



Other varieties can be grafted if scions are available.

If you prefer Hetzi understock we will graft on it upon request.

FRUIT TREES

The height given for fruit trees is approximate and represents the average height for most varieties. It is intended that the caliper shall govern.

Fruit trees are tied in bundles of 10 for 11-16 and 9-16; bundles of 20 for 7-16 and 5-16. Order in full bundles.

APPLES

TWO YEAR GRAFTS

	Per 10	Per 100	Per 1000
1 inch and up, 5 feet and up	12.00	110.00	—
11-16 to 1 inch, 4½ feet and up	9.50	90.00	850.00
9-16 to 11-16 inch, 4 feet and up	8.50	80.00	750.00
7-16 to 9-16 inch, 3 feet up	6.50	60.00	550.00

S. Summer; F. Fall; W. Winter; C. Commercial; H. Home

Anoka , S. H. Red, mottled yellow.	Home Beauty , Red. W. C. Red.
Delicious , Dark Red. W. C. H. Red.	Stayman , Dark Red. W. C. Red.
Delicious Yellow , W. C. Yellow.	Wealthy , F. C. Red.
Duchess , Red. S. H. Red.	Whitney Crab , F. H. Yellow & red.
Grimes Golden , W. C. Yellow.	Winesap , W. C. Red.
Jonathan , Dark Red. W. C. H. Red.	Yellow Transparent , S. H. Yellow.
McIntosh Dark Red. W. C. Red.	

MULTIPLE APPLES

Dormant budded summer of 1957 on 2 year old, branched trees of Yellow Delicious. Heavy growth on all varieties budded which include **Red Jonathan, Red Stayman, Anoka, Dark Red Delicious, Yellow Transparent.**

	Per 10	Per 100
5 in 1, 11-16 inch, 5 to 6 feet	18.50	175.00
5-in-1, 9-16 inch, 4 to 5 feet	16.00	150.00
4-in-1, 11-16 inch, 5 to 6 feet	14.50	135.00
4-in-1, 9-16 inch, 4 to 5 feet	12.00	110.00

CHERRIES—SWEET

TWO YEAR

	Per 10	Per 100
1 inch and up, 5 feet and up	17.50	160.00
11-16 to 1 inch, 4½ feet and up	15.00	135.00
9-16 to 11-16 inch, 4 feet and up	13.00	120.00

Kansas Sweet

CHERRIES—SOUR

TWO YEAR on Mahaleb

	Per 10	Per 100	Per 1000
1 inch and up, 4 feet and up	15.00	135.00	—
11-16 inch and up, 3½ feet and up	12.00	110.00	1000.00
9-16 to 11-16, 3 feet and up	9.50	90.00	850.00

Early Richmond. Dark red, early. **Montmorency.** Dark red, midseason.

PEACHES

ONE YEAR BUDS

	Per 10	Per 100	Per 1000
11-16 in and up, 4½ feet and up	8.50	80.00	750.00
9-16 to 11-16 inch, 4 feet and up	7.50	70.00	650.00
7-16 to 9-16 inch, 3 feet and up	6.00	55.00	500.00

Champion. White, midseason, free. **Golden Jubilee.** Yellow, early free.
Early Elberta. Yellow, midseason. **Halehaven.** Yellow, early, free.
Elberta. Yellow, midseason, free. **J. H. Hale.** Yellow, midseason, free.



2-year-old Sour Cherries in our fields.

PEARS

	Per 10	Per 100
11-16 inch and up, 4½ feet and up	12.00	110.00
9-16 to 11-16 inch, 4 feet and up	10.00	95.00
Bartlett. September, highest quality. Seckel. October; high quality. Also		
Kieffer. October; cooking variety. called sugar pear.		

PLUMS

11-16 inch and up, 4½ feet and up	11.00	100.00
9-16 to 11-16 inch, 4 feet and up	9.00	85.00
7-16 to 9-16 inch, 3 feet and up	7.50	70.00
Burbank. Dark red, early. Sapa. Dark purple, very early.		
Compass. Cherry-plum. Waneta. Red, heavy bearer.		

APRICOTS

11-16 inch and up, 4½ feet and up	12.00	110.00
9-16 to 11-16 inch, 3 feet and up	10.00	90.00
7-16 to 9-16 inch, 3 feet and up	7.50	70.00
Moorpark. Orange, best quality. Superb. Hardy northern variety.		

ALMOND

Hall's Hardy Fruiting. Can be grown wherever Peach trees will grow. Rapid growing, bears young. Large fine quality nuts. Attractive bloom, deep green foliage.

4 to 5 feet	12.00	110.00
3 to 4 feet	9.50	90.00

NECTARINE

	Per 10	Per 100
11-16 inch and up, 4½ feet and up	12.00	110.00
9-16 to 11-16 inch, 4 feet and up	10.00	90.00
7-16 to 9-16 inch, 3 feet and up	7.50	70.00
Surecrop		

SMALL FRUIT

GRAPES

	Per 10	Per 100
CATAWBA. Purplish-red, late, sweet and rich.		
2 year, No. 1	3.00	25.00
CONCORD. Large, black midseason; keeps 1 to 2 months.		
2 year, No. 1	2.50	20.00
FREDONIA. Early, black, good quality, bears heavily.		
2 year, No. 1	3.00	25.00
NIAGARA. Large yellowish-green, midseason.		
2 year, No. 1	3.00	25.00

BLACKBERRIES

	Per 100	Per 1000
EL DORADO. Early, midseason, long season.		
No. 1	7.00	65.00

RASPBERRIES

CUMBERLAND. Black, midseason, sweet, rich.		
No. 1 tips	8.00	75.00
LATHAM. Red, very large, long season.		
No. 1 suckers	9.00	85.00

CURRENTS

	Per 10	Per 100
RED LAKE. Red, extra large, superior quality.		
2 year, No. 1	3.00	25.00

GOOSEBERRIES

HOUGHTON. Dark red, very productive.		
2 year, No. 1	4.00	35.00

GARDEN ROOTS

	Per 100	Per 1000
ASPARAGUS.		
Washington. 2 year.	3.00	25.00
Washington. 1 year.	2.50	20.00

RHUBARB.

Chipman's Canada Red. Strong divisions.	Per 10 4.50	Per 100 40.00
Giant Victoria. Whole roots.	Per 100	Per 1000
1½ to 2 inch	12.50	110.00
1 to 1½ inch	10.00	85.00

CONTAINER-GROWN NURSERY STOCK

In keeping with the trend of the times, we are now growing a large assortment of nursery stock in metal containers. Nurserymen all over the country are becoming interested in container-grown stock because they recognize its many advantages.

Our one gallon and two gallon cans are all PLANTAINERS. These cans are all tapered like a flower pot so it is not necessary to cut the can to remove the plant.

There are many reasons why you can make money with container-grown nursery stock. Here are some of them:

It is ready for the customer whenever he wants it. You lose fewer sales.

It is more convenient both for you and the customer because it is already "packaged."

It displays more attractively than bare root stock.

It extends your selling season by weeks and even months, thus increasing sales and profits.

It can be delivered to the customer in prime condition.

The customer gets better results and you get fewer complaints. Your stock losses are less, because unsold stock can be carried over to the next season.

It appeals to a wider market, thus increasing volume of sales.

The customer can see exactly how plants look when in leaf and bloom.

Inventory control is simplified by the use of container stock. It is easier to maintain a balanced stock.

Write for special price-list of container-grown nursery stock.



CONTAINER-GROWN NURSERY STOCK

This list is only a portion of the varieties we are producing in containers but are the ones in larger supply. We are striving to produce a quality product; every plant has been sheared and fertilized to make up into a good merchantable plant when you get it from us. Write for complete listing.

All one and two gallon plants are in PLANTAINERS, the tapered nursery can that allows you to tap the plant out without cutting the can. (See page 50 for Plantainers if you are doing any container growing on your own.)

Height or spread of plants given in this list are only approximate but are indicative of what you may expect.

	Size	Approximate Height	Price Each
SHRUBS			
Barberry mentorensis	2 gal.	15-18"	1.35
Barberry mentorensis	1 gal.	12-15"	1.00
Caryopteris, Azure	1 gal.	6- 9"	1.00
Cotoneaster divaricata	1 gal.	18-24" w. br.	1.50
Crapemyrtle, Hewitt's Rose	1 gal.	18-24" 3c.	1.00
Prunus cistena	1 gal.	18-24"	1.20
Prunus cistena	1 gal.	12-15"	1.00
Spirea froebeli	1 gal.	12-18"	1.00
Spirea japonica coccinea	1 gal.	8-10"	1.00
VINES			
Euonymus fortunei coloratus	1 gal.	12-15"	1.20
Honeysuckle, Hall's Purpleleaf	2 gal.	12" globe	1.20
Honeysuckle, Hall's Purpleleaf	1 gal.	9" globe	1.00
BROADLEAF EVERGREENS			
Buxus sempervirens	1 gal.	10-15"	1.75
Cotoneaster divaricata	1 gal.	18-24" w. br.	1.50
Euonymus Dupont (Trade Mark)	2 gal.	9-12"	1.30
Euonymus Dupont (Trade Mark)	1 gal.	9-12"	1.00
Euonymus fortunei coloratus	1 gal.	12-15"	1.20
Euonymus fortunei, upright, Sarcoxie	1 gal.	9-12"	1.00
Pyracantha pauciflora	1 gal.	12-15"	1.00
EVERGREENS			
Junipers			
Chinensis, Pfitzer	1 gal.	12-15"	1.25
Chinensis, Pfitzer	5 gal.	18-24"	3.00
Chinensis, Pfitzer, Silver	1 gal.	12-15"	1.50
Communis depressa plumosa, Andorra	2 gal.	9-12"	1.30
Excelsa stricta	1 gal.	15-18"	1.50
Glaucia hetzi	5 gal.	2-2½'	3.50
Glaucia hetzi	5 gal.	18-24"	3.00
Glaucia hetzi	1 gal.	12-15"	1.25
Kosteri plumosa	2 gal.	12-15" heavy	2.00
Kosteri plumosa	1 gal.	9-12"	1.00
Sabina von Ehron, globes	2 gal.	9-12"	2.50
Sabina von Ehron, globes	1 gal.	9"	1.50
Scopulorum, Blue-green	2 gal.	15-18"	2.75
Scopulorum, Crawford	2 gal.	15-18"	2.75
Scopulorum, Silver Column	1 gal.	12-15"	1.75
Virginiana, Hill's Dundee	2 gal.	15-18"	2.50
Virginiana, Hill's Dundee	1 gal.	12-15"	1.75
Arbor Vitae			
Berckman's Golden	1 gal.	12-15"	1.20

Plantainers

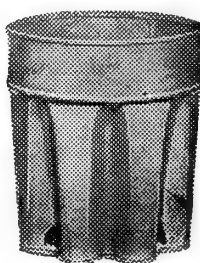
1. Healthier plants—stronger root system—attested to by satisfied users.
2. Tapered and crimped—permits nesting—space and time saving.
3. Have no rough edges—no serious hand and finger cuts.
4. Made of metal—durable—unbreakable.
5. Clean and sanitary—don't attract vermin and flies.
6. Painted green (baked enamel).
7. Enhance the beauty of plants and flowers.
8. Outlast other nursery cans—result—economy!—larger profits.

One Gallon Size

Price f.o.b. Ottawa, Kansas

1 to 999	.14
1,000 to 9,000	.12
10,000 to 19,999	.11
20,000 to 29,999	.10
30,000 to 41,999	.09

Write for prices on minimum carload (42,000) f.o.b. your city.



(One Gallon Size)

Two Gallon Size

Price f.o.b. Ottawa, Kansas

1 to 499	.26
500 to 999	.24
1,000 to 4,999	.23
5,000 and up	.22

The 2 gallon size is not crimped but has smooth, tapered sides with punched drainage holes.

NOTE: Above prices apply to cans loaded in bulk on customer's truck. Cans for l.c.l. shipment are available packed in cartons at 2¢ extra per can. Cans are packed 100 per carton.

1 gal. weigh 68 lbs. per 100; 2 gal. weigh 72 lbs. per 100.

NEW! Tuf-Pots

The heavier, tougher composition pot that you have been looking for. Made of heavier gauge material which resists tearing and splitting and lasts longer. Ideal for one-season use for cash and carry and season-extending stocks.



Regular Tuf-Pot

Diameter		Height	Weight (lbs.)		Prices	
Top	Bottom		Pack	Per 100	Per 100	Per 1000
6"	5"	6½"	100	60	\$ 7.25	\$ 70.00
7"	6"	9½"	100	87.5	8.25	80.00
8"	6¾"	9"	100	100	9.75	95.00
10"	8¾"	12"	100	225	15.25	150.00
12"	9¾"	13"	25	302	26.15	231.00

Heavy Duty Tuf-Pot

Heavy Duty Tuf-Pot					Per 25	Per 100
9"	6½"	9"	25	87	\$ 8.75	\$ 30.00
10"	7½"	10½"	25	200	10.00	35.00
12"	9"	12"	25	275	11.25	40.00

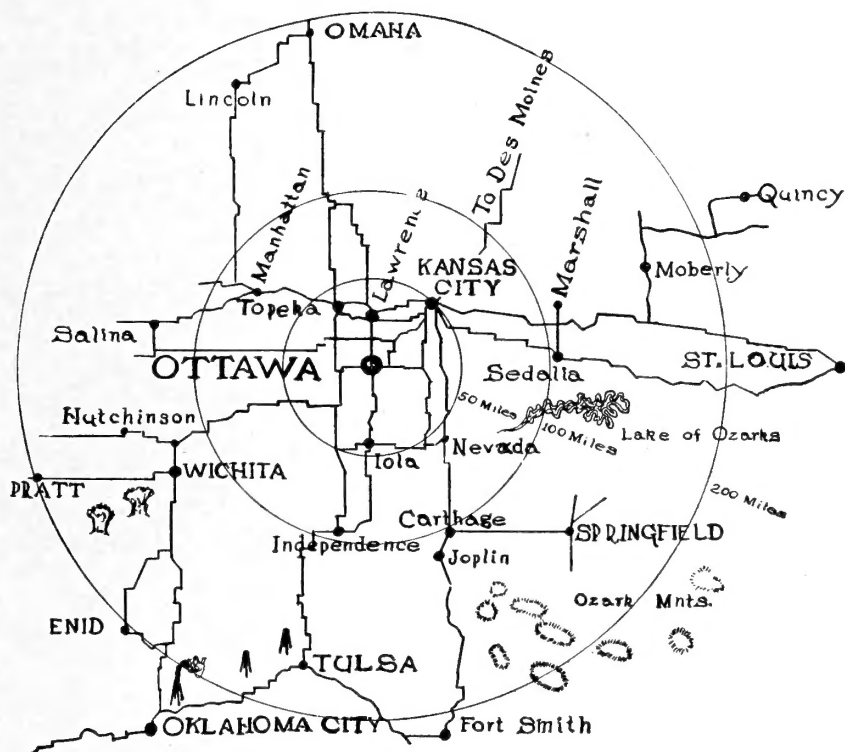
(Order in full boxes only)

All prices f.o.b. factory, Iola, Kansas

VISITORS WELCOME

WE INVITE YOU TO VISIT US!

We are always glad for the opportunity to show visitors over the nursery. Our location is sixty miles southwest of Kansas City, on U.S. 50 and U.S. 59. Ottawa is also on the main lines of the Santa Fe and the Missouri Pacific railroads. There is a good municipal airport, two miles south of the city, and one mile east of U.S. 59, which parallels the north-and-south railroad. If you fly in, phone us from the airport and we will call for you.



"OPERATING A GARDEN CENTER"

by John J. Pinney

☆ 25 Chapters ☆ 125 Pages ☆ 61 illustrations

This book covers all phases of garden center operation. It will help those who are planning to build a garden center to avoid many mistakes. Those who have established garden centers will find in it many ideas for the more profitable operations of their business.

Bound in a handsome, green plastic cover and printed on heavy white enameled stock.

\$3.00 per copy, postpaid

"BEGINNING IN THE NURSERY BUSINESS"

Second Edition

Revised and much enlarged

A 64-page book with chapters devoted to garden centers, landscape nurseries, mail-order nurseries, agency nurseries, container-grown stock, financing, and record-keeping.

\$1.00 per copy, postpaid

WILT-PRUF

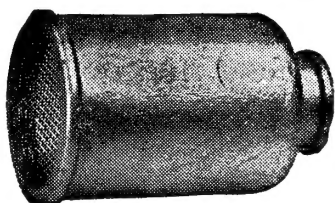


WILT-PRUF

Wilt-Pruf is a liquid plastic. When plant materials are sprayed or dipped in Wilt-Pruf, they are enclosed in a colorless protective plastic film which brings out the inherent beauty of the plant and then performs the important duty of protecting the plant against such menaces as drying out when indoors, or winter-burn and summer-scald when out-doors.

5 gallon cans	\$30.75
1 gallon glass jugs (mailable)	7.00
1 quart bottle	2.10
8 oz. glass container with plunger type dispenser .....	.75
f.o.b. Ottawa	

WATER BREAKER



Rex Aquaflo. The only water breaker that gives your soil a bubble-bath. The best device we have ever found for watering pots and cans without splashing. Made of cast aluminum. Fits any standard coupling for 5/8 inch hose.

Each (postage extra) **\$3.50**

Supplies For Nurserymen and Florists

PRICES on all supplies subject to change without notice.

TERMS on all supplies are net cash.

Budding Strips. Rubber. Write for price list.

New Garden Encyclopedia (1959 edition). A complete, practical and convenient guide to every detail of gardening. Illustrated with 250 half-tones and more than 500 line drawings, 1,380 pages. Postpaid. \$7.50

Platebook, New. 64 pages of full color illustrations and descriptions of shrubs, evergreens, shades and ornamentals, hedges, roses, perennials, and bulbs, postpaid—each. 3.50

Catalogue Plate Book. 48 pages, 95 plates, 82 in colors, postpaid.50

Calipers, Tree. Measures fraction of inch and millimeters, up to $\frac{3}{4}$ inch, postpaid. each 1.25

Grafting Tape. 60-yard roll, $\frac{1}{2}$ inch wide. Per roll (postage extra). .. 1.10
25 rolls or more, not postpaid. each 1.00

Labels, Tree. Wooden, notched, iron wire, $3\frac{1}{2}$ inch, plain, per 1000 not postpaid. 4.50

Labels, Tree. Wooden, notched, copper wire, $3\frac{1}{2}$ inch, painted, per 1,000 not postpaid. 5.00

Labels, Paper Strap, Shank Type.

Made of tough manila paper $6 \times \frac{1}{2}$ inches. Sold only in packages of 1,000; per 1,000 not postpaid. 1.50

Labels, Pot. Wooden, $\frac{5}{8}$ inch wide.

	Packed in Carton	Plain Per 1,000	Painted Per 1,000
4 inch	1,000	3.25	4.00
5 inch	1,000	3.50	4.25
6 inch	1,000	3.75	4.65
8 inch	500	5.50	6.50
10 inch	500	6.75	8.00

Moss. Sphagnum, wire bound bales, per bale 3.25

Nails, Nursery Pinning. Needlepoint, 2 inch. Per pound, not postpaid .30
50-lb. box, per 100 lbs., \$22.00, f.o.b. Ottawa, Kansas

Pencils. Waterproof, for labels and tags, per dozen, postpaid. 1.25

Wax, Grafting. Made in Switzerland. Sample free. Per lb. 1.25

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Wholesale Price List

Fall 1959
Spring 1960

WILLIS NURSERY COMPANY
Ottawa, Kansas